



A New Generation of Energy

December 21, 2006

Ms. Lezael Rorie
ICF International
9300 Lee Highway
Fairfax, VA 22031

Mr. Jonathan Winer
La Capra Associates
21 Winthrop Square
Boston, MA 02110

Re: DP&L Company Request for Proposals for New Generation

Dear Ms. Rorie and Mr. Winer:

Conectiv Energy is pleased to provide Delmarva Power & Light Company ("DPL"), IFC International, and La Capra Associates the following response ("Proposal") to DPL's Request for Proposal dated October 30, 2006. Conectiv Energy has structured and priced this Proposal based on our successful record of constructing and commissioning similar facilities, our record of safe and dependable unit operation, the unique suitability of the proposed project site, and just as important, our extensive experience in energy trading. As a result, we are confident that our Proposal will be the lowest cost option for DPL's solicitation for energy and capacity, provide unique operating and cycling capability not offered by the competitors, offer the earliest commercial operation date and enhance reliability in the DPL service territory. Furthermore, Conectiv is convinced that this project includes the highest guaranteed availability and is the only technology with actual long term historical operating data.

Conectiv Energy is offering two pricing options in this Proposal. Both utilize a nominal 180 MW Unit (the "Project") that utilizes efficient state-of-the-art combined cycle technology. The Project will be located at the existing Hay Road Power Complex in New Castle County, Delaware. The Hay Road Complex, currently consisting of Hay Road Units 1-8, is owned and operated by Conectiv Delmarva Generation, Inc. ("CDG"), a wholly owned subsidiary of Conectiv Energy Holding Company ("CEH"). The Project will be constructed, owned and operated by either CDG or another of CEH's generation owning subsidiaries.

Electric interconnection from the Project to the PJM grid will be at the adjacent Hay Road 230 KV Red Lion line and will not require the acquisition of additional rights-of-way.

Natural gas will be the primary fuel, and low sulfur light petroleum product will serve as secondary fuel. The dual fuel capability will ensure that all operating commitments are met. Natural Gas will be delivered via an existing lateral sourced to three (3) interstate pipeline companies. Liquid fuel oil will be delivered by barge to the existing Edge Moor Power Plant barge unloading facility, and then pumped to the site via an existing pipeline.

From an environmental and land use perspective, the Project is unique because it is a brownfield site located directly adjacent to existing electric generating facilities, is zoned Heavy Industrial, and is surrounded by compatible industrial land uses. The existing infrastructure will allow for cooling water needs to be satisfied without additional offsite facilities and moreover, the site lacks potentially sensitive resources such as wetlands, protected species or habitats, or cultural resources.

Conectiv Energy has the proven engineering, permitting, and construction experience to deliver the Project on time and within budget. Conectiv Energy's project teams are uniquely qualified as they have successfully engineered, constructed, and commissioned more than 1,650 MW of combined cycle generation in the last five years. Conectiv Energy continues to own and operate more than 3,600 MW of generating capacity in the base, mid-merit, and peak load segments. Our operating teams have the experience and ability to meet unit commitments, and do so daily.

All of CEH's generation owning subsidiaries have entered into tolling agreements with another of CEH's subsidiaries, Conectiv Energy Supply, Inc. ("CESI"), under which CESI acquires all of the fuel used in the generation facilities. Conectiv Energy intends for CESI to enter into a similar tolling agreement with the CEH subsidiary that will own and operate the Project. CESI has in place, and will continue to maintain, the proven professional relationships with the necessary brokers, marketers, and financial entities required to meet all of the fuel needs for this Project. CESI professionals have the expertise and internal processes in place to manage the physical and financial requirements to ensure a reliable fuel supply for the Project. They have successfully utilized this expertise to manage the fuel requirements of the remainder of the Conectiv Energy fleet of generation facilities for more than ten years.

Under the terms of its tolling agreement with the CEH subsidiary that owns the Project, CESI will have the right to all of the Products produced at the Project. Therefore, CESI will be the Conectiv Energy legal entity that will execute the PPA and sell the Products to DPL.

Conectiv Energy is offering DPL two alternatives within this Proposal. The only differences between the two relate to pricing of the Products sold to DPL (as described in Form R of the Proposal) and the authority to schedule and dispatch the Project. **Please note that Conectiv Energy respectfully requests that its proposed pricing terms contained on Form R be maintained as confidential.**

The first alternative (the "Base Offer") is a unit contingent sale under which (i) CESI will sell to DPL all of the Products produced at the Project and (ii) DPL will have the right to direct the dispatch of the Project. The Base Offer includes both Capacity and Energy charges. The charges for Energy produced while the Project is in the base operating mode (up to 152 MW) during PJM on-peak hours are indexed to coal indices and the GDP implicit price deflator. Conectiv Energy believes that this should provide the price stability sought in the RFP. The charges for Energy produced during PJM off-peak hours and while the Project is operating in excess of base operating mode (up to 177 MW) are structured so that DPL can elect to purchase Energy under the PPA only when economically beneficial.

The second alternative (the "Alternate Offer") is an asset backed capacity agreement with firm energy under which (i) CESI will sell to DPL the capacity associated with the Project (177 MW); (ii) CESI will transfer to DPL the revenues received from PJM for sale of the Ancillary Services associated with the Project; and (iii) CESI will to DPL sell a quantity of Energy that is equal to the quantity that would be produced at the Project if it were operating subject to DPL's dispatch. Under the Alternative Offer, however, CESI retains control over the dispatch of the Project and CESI decides upon the source of the Energy that it will deliver to DPL.

We believe that the Alternate Offer provides the lowest overall cost to DPL and its customers. By retaining the ability to optimize the scheduling and dispatch of the Project Conectiv Energy has been able to significantly reduce the capacity charge while retaining the same predictable on-peak energy price contained in the Base Offer.

Conectiv Energy is proposing a term, for both alternatives offers, of 10 years with an option available in years five through eight to extend the PPA for an additional five year term.

Finally, although not specifically included in this Proposal Conectiv Energy does have the infrastructure and facilities to increase this Project size to nominally 360 MW and to configure the PPA accordingly with the same pricing proposals contained herein.

Thank you for the opportunity to participate in the Request for Proposal for the Power Generation Project. We look forward to participating in the evaluation process and are poised to discuss our unique proposal and viable alternative with you. Prior to the final contract formation, review of the negotiated contract terms, conditions, and obligations will require final approval by the PHI Board of Directors.

Ms. Lorie and Mr. Winer
December 21, 2006
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Please contact Mr. Richard Purcell at (302) 451-5512 or alternatively Rich.Purcell@Conectiv.com with any clarifications or comments regarding the Proposal.

Sincerely,

Arturo F. Agra
Vice-President
Conectiv Energy

cc: Albert F. Kirby- Conectiv Energy
 David M. Velazquez – Conectiv Energy



A PHI Company



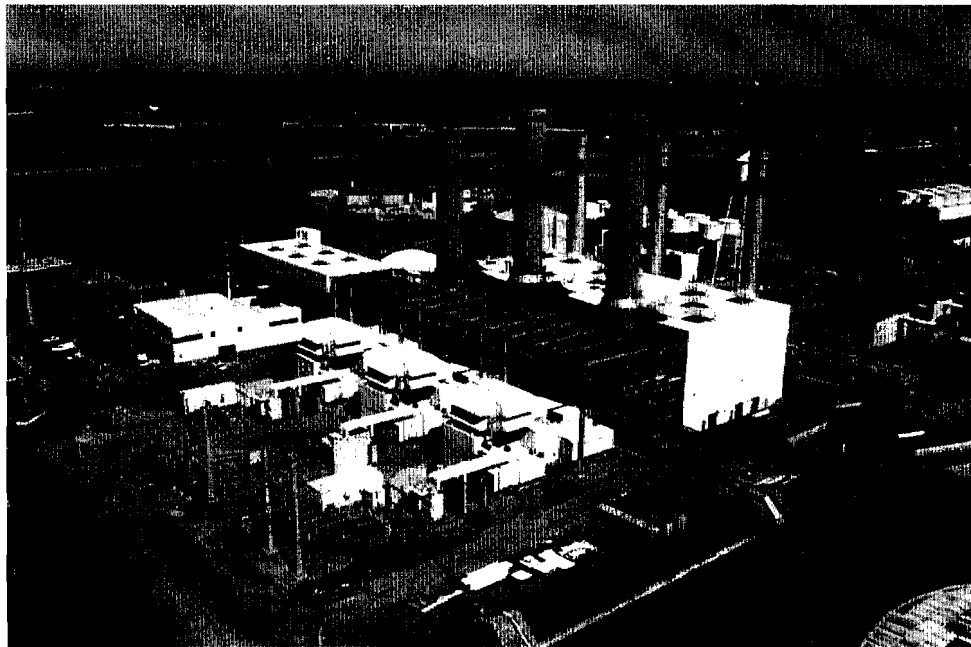
A New Generation of Energy

Proposal Presented to:

ICF International

La Capra Associates

**In Response to Delmarva Power Request for Proposal
for New Generation Resources**



Submitted by:
Conectiv Energy Supply, Inc.
December 21st, 2006

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I. TECHNICAL FACILITY DESCRIPTION

The proposed Project, nominally rated at 180 MW, utilizes Combined Cycle technology in a 1 X 1 configuration which includes a single combustion turbine plus a single steam turbine generator. The units will be installed at the Hay Road Power Complex in New Castle County, Delaware as an expansion project. Unit designation will be Unit No. 9 (Combustion Turbine) and Unit No. 10 (Steam Turbine). BOP equipment will be designated as required.

The Combustion Turbine will be a Siemens-Westinghouse V84.2. The unit will have dual fuel capability with Natural gas as the primary fuel, and low sulfur light petroleum product as the secondary fuel. Natural gas will be delivered via an existing lateral sourced to three (3) interstate pipe line companies. Liquid fuel will be delivered by barge to the existing Edge Moor Power Plant barge unloading facility, and then pumped and stored at the site using an existing pipe line and 250,000 barrel storage tank.

The exhaust from the combustion turbine would be used to produce steam in a two pressure (high pressure and low pressure) heat recover steam generator (HRSG) for the steam turbine. The HRSG will employ an SCR utilizing anhydrous ammonia for NOx reduction in the combustion turbine exhaust. Anhydrous ammonia will be supplied via an existing storage tank located on-site. No CO catalyst will be required due to the unique silo combustors installed on the Combustion Turbines.

High and Low Pressure steam will be piped to an industrial designed Condensing Steam Turbine Generator containing high and low pressure turbine sections. Steam exhausted from the high pressure section will mix with the low pressure steam from the HRSG and be re-injected to the turbine. All steam used in the steam turbine will be condensed and reused in the process. Demineralized water used in the steam cycle will be processed from an existing water plant on site. Additional storage and system capacities will be upgraded as required to meet the needs of the new project.

Cooling water needs for the project will be achieved via the installation of a new mechanical draft cooling tower. This new tower will be used to remove the heat rejected from the circulating water from the condenser and other miscellaneous mechanical heat loads in the expanded facility. Makeup water (river water) for cooling will be provided from existing infrastructure piped from the outfall of Edge Moor Power Plant. Blowdown will be discharge in the existing Hay Road Unit 8 cooling tower blowdown line.

The Combustion and Steam Turbine Generators (2 total) will each be connected to a dedicated generator step up transformer to increase the Generator voltages from 13.8 kV to 230 kV. The output side of each step-up transformer will be electrically interconnected to high side circuit breakers then to the existing 230kV transmission line servicing Hay Road Units 5-8. This transmission line is interconnected to the Red Lion substation. A station service transformer and unit auxiliary transformers will be installed as required to satisfy medium and low pressure voltage applications.

Balance of plant equipment, back up power supplies, fire protection, and other critical ancillary systems will be installed to ensure the safe and reliable operating conditions required to meet the requirements of the RFQ.

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a.	Form A

Form A - Notice of Intent to Bid

Date: 22-Nov-06

Our organization intends to submit a proposal in response to the Delmarva Power & Light Request for Proposals for Generation Capacity and Power Purchase Agreement:

Contact Name: Richard Purcell
Name of Firm: Conectiv Energy
Address: 500 N. Wakefield Drive
Newark, DE 19702

Phone: 302-451-5512
e-mail: rich.purcell@conectiv.com

Alternate Contact Name: Krish Raju
Address: Conectiv Energy
500 N. Wakefield Drive
Newark, DE 19702

Phone: 302-451-5398
e-mail: krish.raju@conectiv.com

Project Description: Conectiv proposes two alternate Projects. Both Projects shall utilize combined cycle technology.

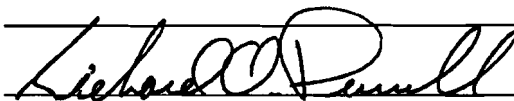
(include technology type,
incremental facility capacity (MW),
expected capacity factor and
interconnection point (PJM bus #))

The base Project will be a 2CTx1ST configuration nominally rated at 360MW.

The expected capacity factor will be 40% nominally. 240MW will be interconnected on PJM bus # 52463 (Red Lion 500 kV) and 120 MW will be connected on PJM bus # 1047974 (Edge Moor 230 kV).

The alternate will be a 1CTx1ST configuration nominally rated at 180MW. The expected capacity factor will be 40% nominally. All capacity will be interconnected on PJM bus # 52463 (Red Lion 500 kV).

Signature:



Please return via FAX, U.S. Mail, or email no later than Wednesday November 22, 2006 to

Lezael Rorie
ICF International
9300 Lee Highway
Fairfax, VA 22031
FAX: (703) 934-3968
E-Mail: dpl_rfp@icfi.com

and
Barry J. Sheingold
New Energy Opportunities
125 Powers Road
Sudbury, MA 01776
FAX: (978) 440-7654
E-Mail: bjs@newenergyopps.com

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Form B - Certification Form

The bidder hereby certifies that all of the statements and representations made in this proposal are true to the best of the bidder's knowledge and belief, and agrees to be bound by the representations, terms, and conditions contained in the RFP. The bidder accepts the **Power Purchase Agreement** included in the RFP, except as specifically noted in writing. This proposal is firm and will remain in effect for at least **210 days** after the proposal due date.

Submitted by: Conectiv Energy Supply, Inc.
(exact legal name of firm)

Bidder: _____
(if different than above)

Signature of an officer of bidder: _____



Print or type name of officer: Arturo F. Agra

Title: Vice President

Date Signed: December 20, 2006

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c.	Form C
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Form C - Bid Summary**Generation Facility**

1) **Project / Facility Name:** Hay Road Units 9 & 10 / Hay Road Power Complex

2) **Project Location (city, county):** Wilmington, New Castle County

3) **Project Location (latitude, longitude):** 39.75° N Latitude / 75.50° W Longitude

4) **Bidder Contact:**

Name: Richard Purcell

Company: Conectiv Energy

Address: 500 N. Wakefield Drive Newark, DE 19702

Phone / Fax: (302) 451-5512 / (302) 451-5267

email: Rich.Purcell@Conectiv.com

5) **Generation Technology** - general description of the proposed generation technology (e.g. pulverized coal, IGCC, combined cycle) including environmental control equipment. If retrofit or repowering, describe the proposed modification in detail.

Dual Fuel Combined Cycle Power facility constructed in 1 x 1 configuration equipped with S-W V84.2
Technology to allow for up to 2x's per day cycling, 20 minute energy delivery, 2 hour full load capability (Warm).
Plant configured with SCR system for NOx control, no CO control required due to burner selection.

6) **Facility Fuel Type and Transportation** - (describe primary and secondary fuels, if applicable)

Primary Fuel: Natural Gas Secondary Fuel: Low Sulfur Light Petrol Prod
Transportation: Pipe Line Transportation: Barge

7) **Transmission Interconnection**

Point of Interconnection (PJM Bus #): 180 MW - CT + STG on HR Red Lion 230 KV (8804)

Point of Interconnection (PJM Bus #): _____

Interconnection Voltage (kV): 230 KV

Delivery Point as per PPA HR / Red Lion 230 KV (DP&L Bus No. 23020)

Delivery Point Voltage 230 KV

8) **Capacity Rating**

Facility Net Design @ ISO Conditions (MW) 176 MW

Facility Summer (MW) at site conditions (92 degrees F) 177 MW

Facility Winter (MW) at site conditions (30 degrees F) 175 MW

PPA contract UCAP (MW) 177 MW

PPA Summer Dependable Capacity (MW) 177 MW

Uncommitted Capacity (MW) 0 MW

9) **Proposed Commercial Operation Date (COD):**

(Up to two commercial operation date options can be offered under one bid evaluation fee.)

Base COD: June 2011 [Contract Award On or Before 5/2007] Optional COD: _____

10) **Proposed Contract Duration:** 10 years - June 1, 2011 - May 31, 2021 [May 2007 Contract Award Req]

(Either the expiration date to an anniversary of COD or list the desired date)

11) **PPA Contract Type** - describe price (e.g. fixed price index based price, capped or collared price) and percentage of output offered. If PPA is for renewable capacity indicate if renewable energy credits are included in the bid and if so how many.

All output from the project (100%) is dedicated to the PPA. The Capacity price (expressed in \$/kw-month) is based
on a fixed price during the term. Energy price (expressed in \$/MWH) is variable and is escalated using a

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d.	Form D - Complete with Attachments

Form D - Generation Facility Technical Description

This Form requests information regarding the Generation Facility for purpose of evaluating the overall impact of the Facility on the system and on the Delmarva Residual Standard Offer Service customers. If the Proposal consists of more than one generating unit with different operating characteristics, the Bidder should provide applicable information for each unit. If data is excluded, the evaluators may at their option elect to utilize generic characteristics consistent with the proposed capacity type or, if the information should be known by the Bidder, reject the bid as non-responsive. Some information requested may not be known by the Bidder at this time; Bidder is expected to respond to each question to the extent such information is known or can be reasonably obtained.

1) **Project / Facility Name:** Hay Road Units 9 & 10

2) **Generation Technology:**

Describe the number and type of proposed generator units:

Proposed project will consist of one (1) Siemens V84.2 combustion turbine, one (1) HRSG, and one (1) condensing steam turbine operated in combined cycle.

Configuration of generation equipment, i.e., CTs, HRSGs, steam turbines, etc.:
1CT x 1HRSG x 1ST

Generation equipment model numbers, vendors, manufacturers, etc.:

CT:

STG:

*PRELIMINARY - RIGHT RESERVED TO SUBSTITUTE STG WITH EQUIVALENT TECHNOLOGY UPON AWARD.

3) Expected PJM Capacity Rating (kW):	UCAP	<u>177 MW</u>
	Net Summer Dependable	<u>177 MW (16 FT ASL, 92F, 0.98 PF)</u>
(indicate conditions for temperature, altitude, and power factor for which the data is supplied where applicable)	Net Winter Dependable	<u>175 MW (16 FT ASL, 30F, 0.98 PF)</u>
	Maximum operating level	<u>177 MW (16 FT ASL, 92F, 0.98 PF)</u>
	Minimum operating level	<u>120 MW (16 FT ASL, 59F, 0.98 PF)</u>
	Most efficient operating level	<u>151 MW (16 FT ASL, 59F, 0.98 PF)</u>

4) **Expected Annual Forced Outage Rate (%):** 2.5%

(This rate should include only forced outages and unplanned maintenance, not planned maintenance.)

5) **Expected Average Annual**

Maintenance Requirements (days/year):

Days/Year

On-peak Months (May, June, July, August, September):

None

Off-peak Months:

6) **For non-intermittent facilities, state the target equivalent availability factor and the projected capacity factor. For intermittent resources, state the projected capacity factor. Describe performance guarantees for facility operation.**

Performance guarantees to be provided for Availability, Energy, and Capacity

Form D - Generation Facility Technical Description

7) Describe any circumstances under which the Facility output will have to be curtailed on a predictable basis such as soot blowing and/or deslagging, maintenance, steam host operation, etc.)

None anticipated on a predictable basis.

8) Heat Rate

Average and incremental heat rates for the Facility, higher heating value for the primary fuel specified or anticipated fuel blend.

	Average Heat Rate (BTU/kWh)**	Incremental Heat Rate (BTU/kWh)
Minimum Operating Level (68% Load)	<u>7,988</u>	<u>5,560</u>
50% of net capability	<u>Not Applicable</u>	<u>Not Applicable</u>
75% of net capability	<u>Data Not Available</u>	<u>Data Not Available</u>
86% of net capability	<u>7,637</u>	<u>6,282</u>
100% of net capability	<u>7,691</u>	<u>8,023</u>

* Higher Heating Value for NG Used is 23,000 btu/lb

** Heat Rates at Iso conditions. Actual conditions will vary as a function of ambient conditions and operating mode

9) Is proposed plant AGC controllable? Yes _____ No X

a) Low AGC Point (lowest output than can be achieved while the unit is on AGC)
Not Applicable

b) High AGC Point (highest output than can be achieved while the unit is on AGC)
Not Applicable

10) Minimum on-line time Eight (8) Hours
(minimum time between the generator breaker closing and re-opening)

11) Minimum downtime Four (4) Hours
(minimum time the generator needs to be off-line prior to restarting)

12) Start time - (unit has been off-line for six hours) Twenty (20) Minutes
(the time it takes for the unit to start, close breaker and reach minimum load)

13) Start time - (unit has been off-line for eight hours) Twenty (20) Minutes
(the time it takes for the unit to start, close breaker and reach minimum load)

14) Start time - (unit has been off-line for 12 hours) Twenty (20) Minutes
(the time it takes for the unit to start, close breaker and reach minimum load)

15) Start time - (unit has been off-line for 3 days) Twenty (20) Minutes

16) AGC Ramp Rate Not Applicable
(rate at which the unit responds to frequency changes while on control (MW/minute))

Form D - Generation Facility Technical Description

- 17) **Normal Ramp Rate** Ten (10) MW/min. - after initial start and base load operation
(rate at which the unit can increase output while on manual control (MW/minute))
- 18) **Emergency Ramp Rate** Ten (10) MW/min. - after initial start and base load operation
(rate at which the unit can increase output only for emergency situations MW/minute)
- 19) **Ten-minute Start Capability** Yes _____ No X
If yes, achievable unit loading 10 minutes after synchronizing to system Not Applicable
- 20) Describe the performance history of major components such as turbines, boilers, generators, solar cells, modules or tracking equipment, etc.
The V84.2 has been used reliably over the past sixteen (16) years, with twelve (12) units currently in Conectiv Energy's fleet.
Similar combined cycle reliability can be demonstrated in the success of Conectiv Energy's 3x1 power block configurations, with over 2000 MWs in operation at Hay Road in Wilmington, DE and Bethlehem, PA.
- 21) Describe any unique benefits or value associated with the proposed technology as compared to other technologies in its class.
Combined Cycle technology provides Heat Rates lower than conventional power plant technologies. As compared to other CC units, the V84.2 allows for faster starts, provides up to 2 daily starts, has turn down capability, and utilizes lower combustion temperatures that allows for lower maintenance costs and quicker turn-arounds. Peak capacity segments are also available making the unit reliable, flexible, and efficient.
- 22) Provide any other relevant information about the proposed technology.
The proposed technology is mature and reliable. Conectiv Energy has multiple years experience (14 total) operating and maintaining the V84.2 in combined cycle operation.

- 23) Provide reactive power capability curve.
See Attachments Included in this section
- 24) Provide maximum reactive power productive and absorptive capability.
CT: 17 MVARs Absorptive (-), 20 MVARs Productive (+)
ST: TBD

Form D - Generation Facility Technical Description

25) Technical Data:

Generator MVA Base	CT: 144 (ea.) ST: 70
Generator Nominal Power factor	0.85
Generator Terminal Voltage	13.8 kV
Direct Axis Synchronous Reactance Xd	CT: 172% ST: 183% NOTE 1
Direct Axis Transient Reactance X'd	CT: 19.6% ST: 20.8% NOTE 1
Direct Axis Sub-Transient Reactance X''d	CT: 13.2% ST: 13.2% NOTE 1
Generator Step-up Transformer MVA Base	CT: 83.4 ST: 41.7
Generator Step-up Transformer Impedance (R+jX on transformer MVA Base)	CT: 7.5% ST: 7.5%
Generator Step-up Transformer Rating (MVA)	CT: 144 ST: 72
Generator Step-up Transformer Low-side Voltage (kV)	13.8 kV
Generator Step-up Transformer High-side Voltage kV)	230 kV
Generator Step-up Transformer Number of taps and step size	4 / 2.5%

NOTES:

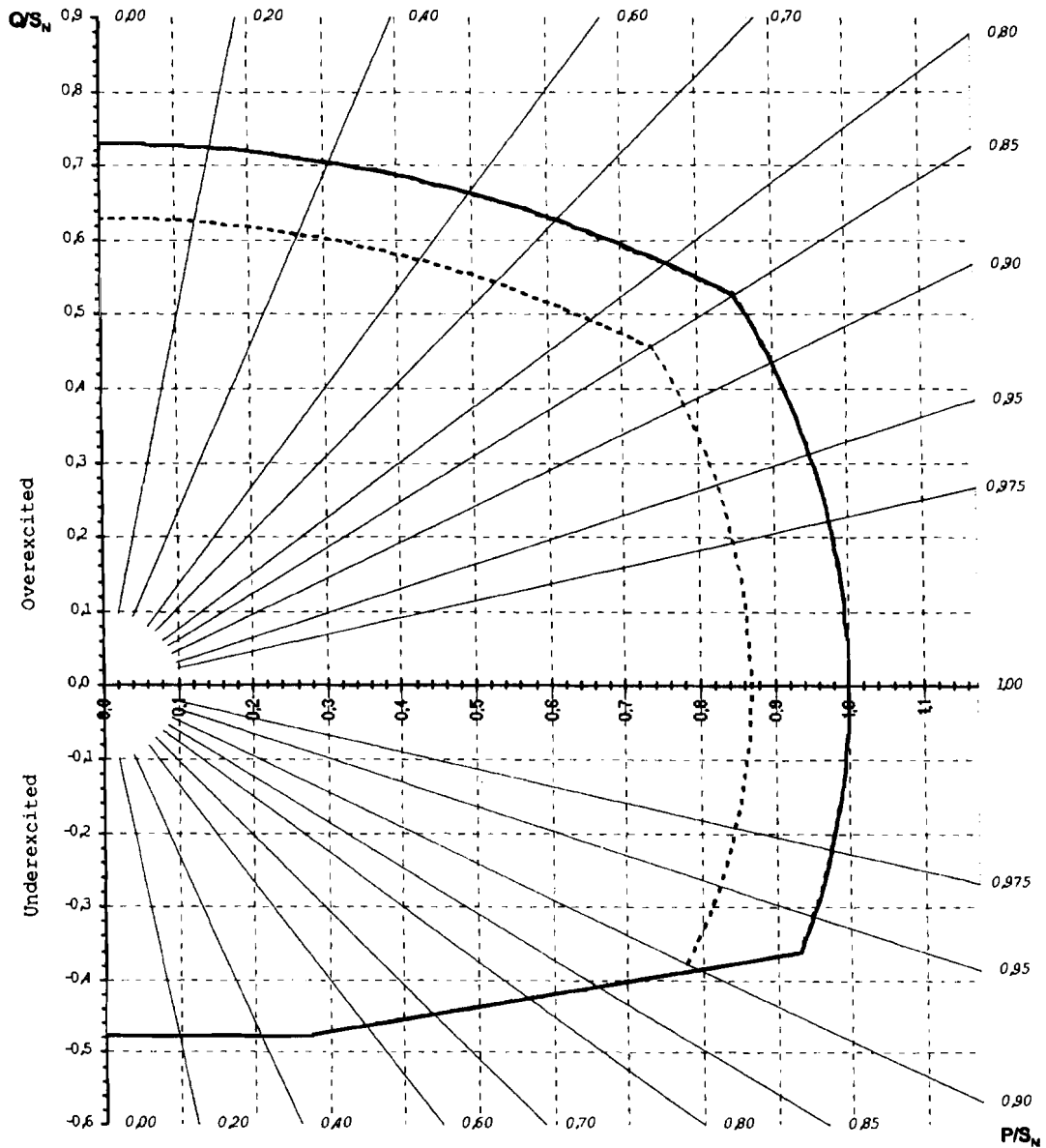
1. ALL VALUES LISTED ARE SATURATED
2. Connectiv Energy RESERVES THE RIGHT TO ALTER STEAM TURBINE, GENERATOR, AND GSU DATA BASED ON FINAL EQUIPMENT SELECTION

Turbogenerator
Description

Reactive Capability Curve

Generator - Type: XXXXXXXXXX

Load Point		Rated	A	B
Generator Output	$S_N =$	144.000 MVA	144.000 MVA	125.000 MVA
Armature Voltage	$U_N =$	13.800 kV	13.800 kV	13.800 kV
Armature Current	$I_N =$	6.025 kA	6.025 kA	5.230 kA
Frequency	$F_N =$	60 Hz	60 Hz	60 Hz
Power Factor	P.F. =	0.850	0.850	0.850
Cold Gas Temperature	$T_{Cold} =$	86 °F (30 °C)	57 °F (14 °C)	126 °F (52 °C)



Turbogenerator
Description

Electrical Data, Losses and Efficiencies

GENERATOR TYPE: TLR1 100/30-36

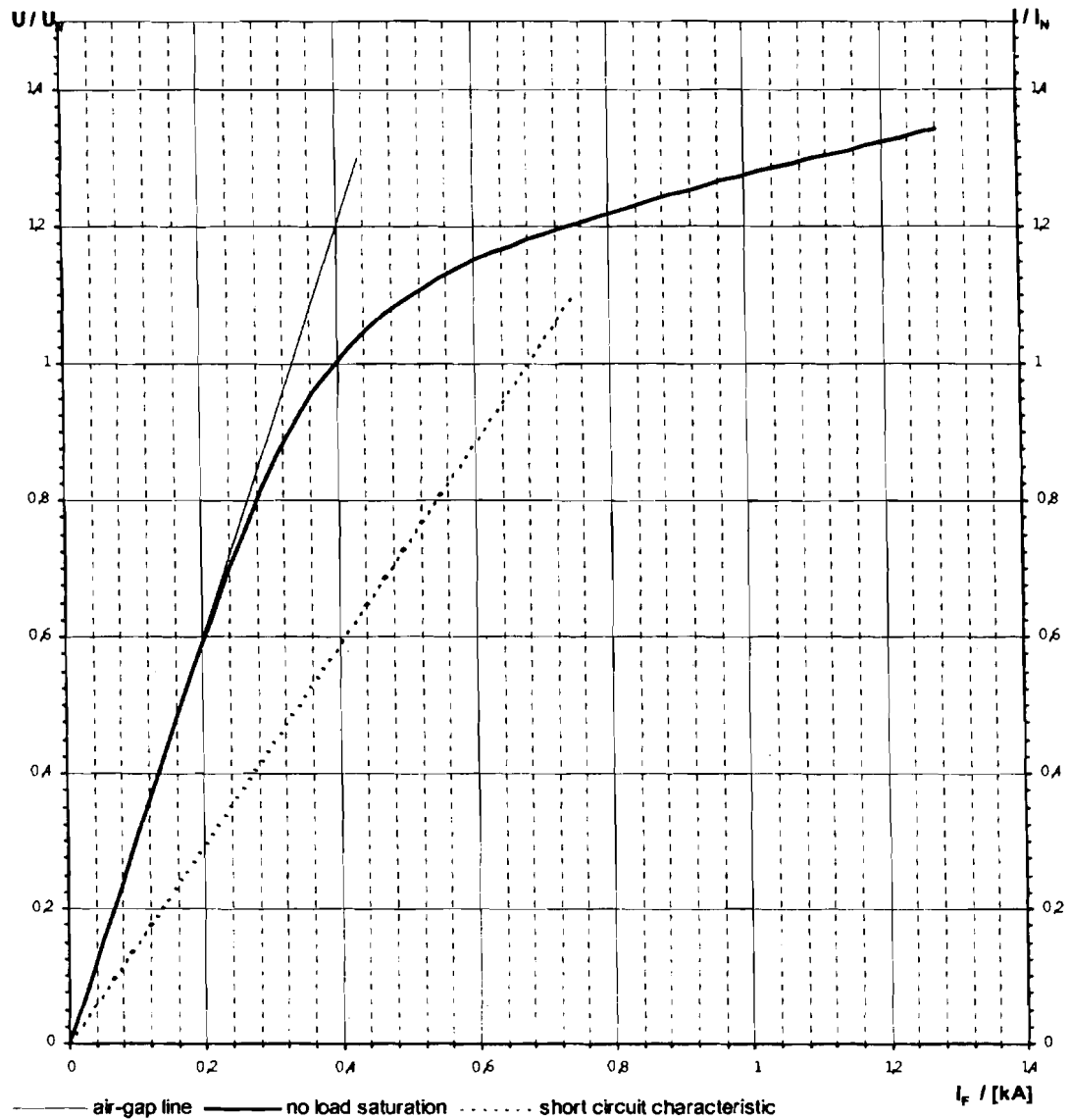
Load Point				N		A		B	
Standard				ANSI C50.14		ANSI C50.14		ANSI C50.14	
Thermal Classification: Design / Using				F / B		F / B		F / B	
Power				MVA		144.000		125.000	
Cold Air Temperature				°C		30.0		52.0	
Voltage				kV		13.800		13.800	
Voltage Deviation				%		5.0 5.0		5.0 5.0	
Armature Current				kA		6.025		5.230	
Frequency				Hz		60		60	
Power Factor				-		0.850		0.850	
Excitation Requirements	No load	I _f	U _f	A	V	396	97	396	101
	4/4-load	I _f	U _f	A	V	1051	257	1051	242
	5/4-load	I _f	U _f	A	V	1270	310	1270	292
Cooling Air Losses				kW		1860		1699	
Air flow				Temp. rise		m ³ /s K		45.0 39.5	
Short Circuit				I _s : 3-phase (peak)		kA		129	
Currents at				I _{k3} : 3-phase (sustained)		kA		9.3	
No-Load				I _{k2} : 2-phase (sustained)		kA		14.9	
Short Circuit Ratio				-		0.582		0.670	
Reactances	x'' _d	unsat.	sat.	%	%	16.3	13.2	16.3	13.2
	x' _d	unsat.	sat.	%	%	21.8	19.6	21.8	19.6
	x _d	unsat.	sat.	%	%	203	172	203	172
	x'' _q	unsat.	sat.	%	%	18.0	14.6	18.0	14.6
	x' _q	unsat.	sat.	%	%	44.2	40.0	44.2	40.0
	x _q	unsat.	sat.	%	%	193	164	193	164
	x ₂	unsat.	sat.	%	%	17.2	13.9	17.2	13.9
	x ₀	unsat.		%		8.4		8.4	
	x _{leak}	unsat.		%		12.7		12.7	
Time constants at 75 °C winding temperature	T'' _d			s		0.031		0.031	
	T' _d			s		0.862		0.862	
	T' _{d0}			s		8.664		8.664	
	T'' _{d0}			s		0.042		0.042	
	T _a			s		0.280		0.280	
Resistance at 20°C	Stator winding / phase			mΩ		1.31		1.31	
	Rotor winding			mΩ		191.51		191.51	
Voltage regulation	PF = rated P.F.			%		28.7		28.7	
	PF = 1.00			%		21.9		21.9	
Max. unbalanced load	Continuous			%		8		8	
	Short time i ₂ ' * t			s		10		10	
Power at PF = 0	Underexcited			Mvar		68.8		68.8	
	Overexcited			Mvar		105.1		105.1	
Winding temp. rise (calculated values)	Stator (RTD)			K		60		58	
	Rotor (average)			K		60		57	
Total losses				kW		1924		1764	
Efficiencies with tolerance at static excitation and rated P.F. (incl. bearing losses)	4/4-load			%		98.45		98.45	
	3/4-load			%		98.25		98.25	
	2/4-load			%		97.71		97.71	
	1/4-load			%		95.90		95.90	

Turbogenerator
Description

Generator Characteristics

Generator - Type :

Generator Output	$S_N =$	144.000 MVA	
Armature Voltage	$U_N =$	13.800 kV	
Armature Current	$I_N =$	6.025 kA	
Frequency	$F_N =$	60 Hz	
Power factor	P.F. =	0.850	
Short circuit ratio	S.C.R. =	0.582	
No load field current	$I_{f0} =$	396 A	$S(1.0) = 18.3\%$
Nominal field current	$I_{fN} =$	1051 A	$S(1.2) = 85.6\%$



Turbogenerator
Description

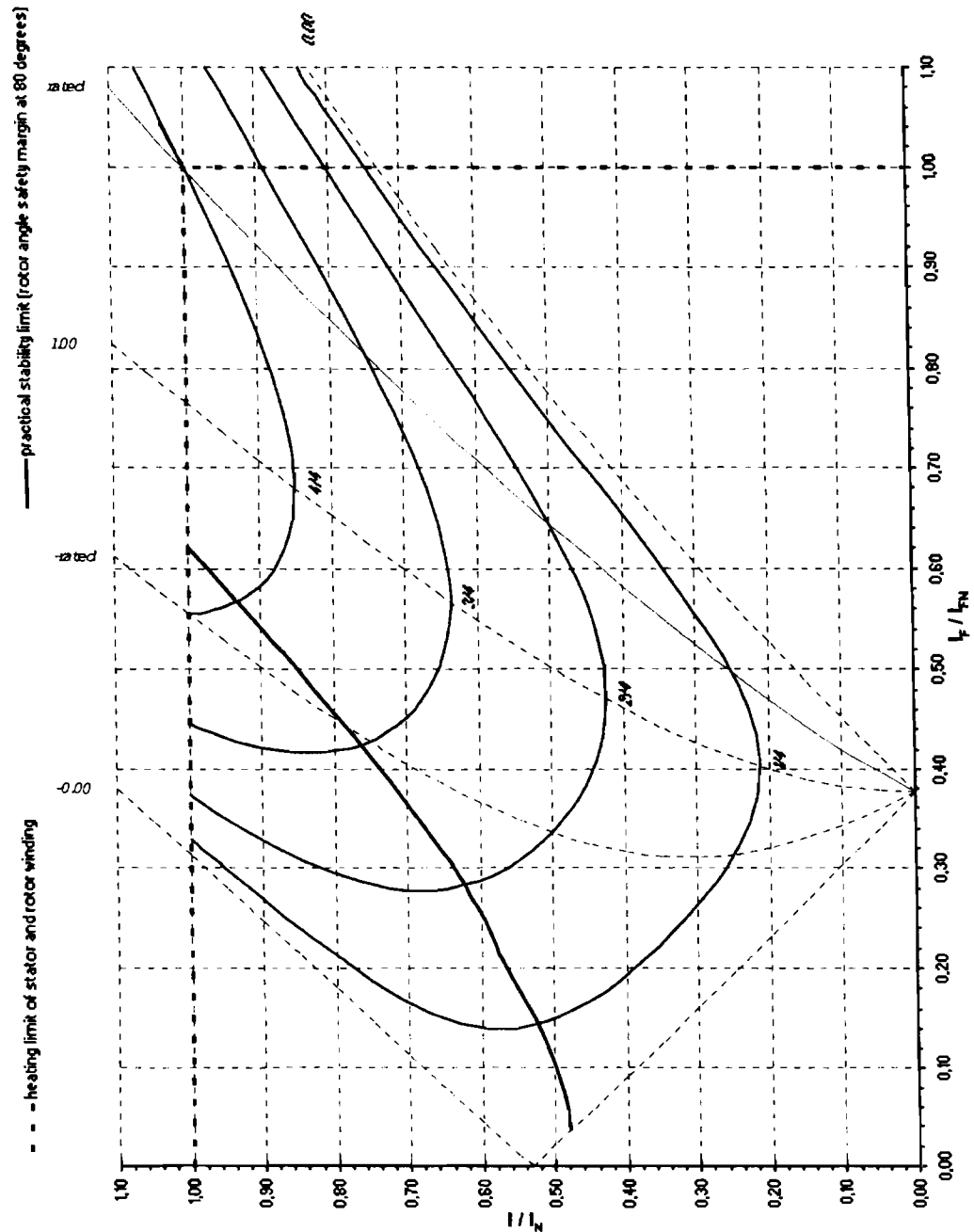
V-Curves at Rated Voltage

Generator - Type : XXXXXXXXXX

$S_N = 144.000$ MVA
 $U_N = 13.8$ kV
 $I_N = 6.025$ kA

$F_N = 60$ Hz
P.F. = 0.850
 $T_{Cold} = 30$ °C

$I_{f0} = 396$ A
 $I_{fN} = 1051$ A



Turbogenerator

Type-Series 2002

Capability vs. Cold Cooling Air

Generator - Type: XXXXXXXXXX

$S_N =$

89,0 MVA

$U_N =$

13,8 kV

$I_N =$

3,723 kA

P.F. =

0,85

$f_N =$

60 Hz

$n_N =$

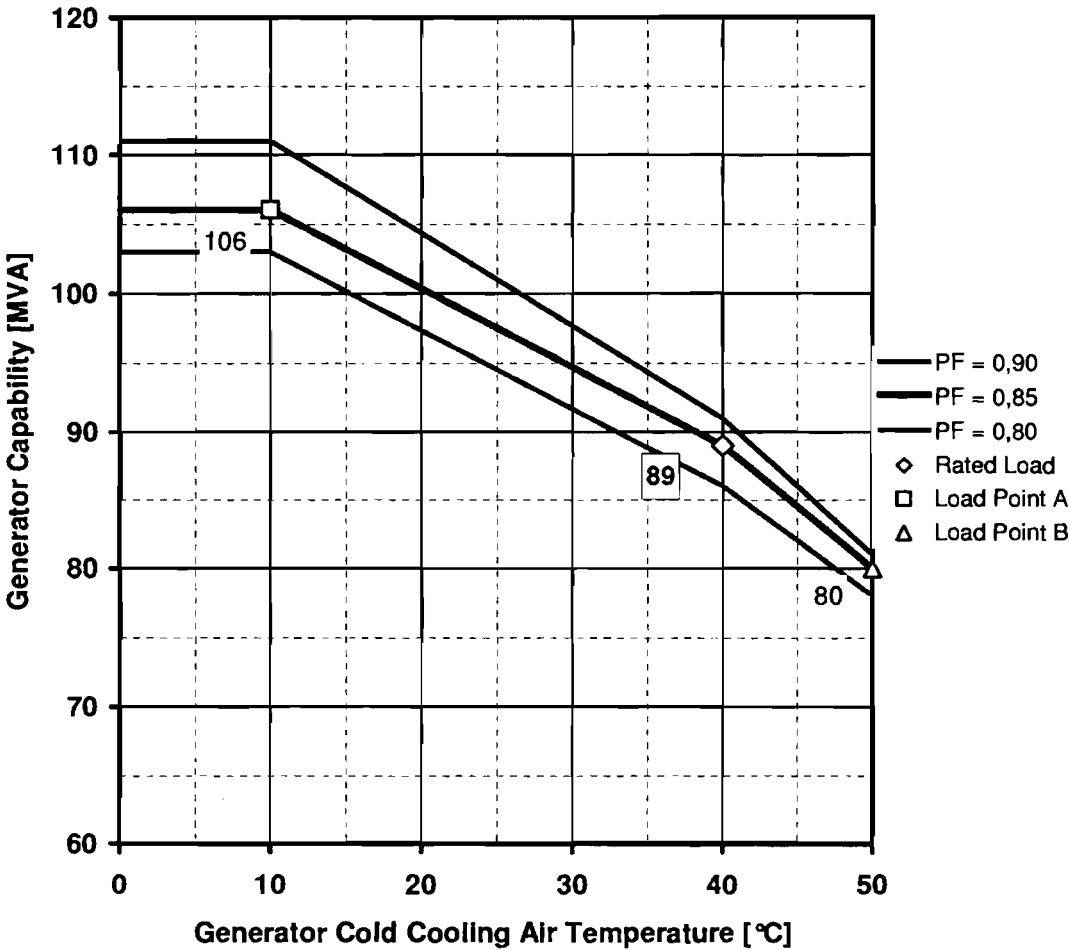
3600 rpm

$T_{Cold Air} =$

40 °C

Design acc. to ANSI C50 class B

Generator Cold Cooling Air Temperature [°C]		0	10	40	50
Capability [MVA]	PF = 0,80	103	103	86	78
	PF = 0,85	106	106	89	80
	PF = 0,90	111	111	91	81



GENERATOR

Electrical Data, Losses and Efficiencies

Generator Type: XXXXXXXXXX

Load Point						N		A		B	
Standard						ANSI C50.13		ANSI C50.13		ANSI C50.13	
Thermal Classification: Design / Using						F / B		F / B		F / B	
Power				MVA		89,00		106,00		80,00	
Cold Air Temperature				°C		40,0		10,0		50,0	
Voltage				kV		13,80		13,80		13,80	
Voltage Deviation				%		5,0		5,0		5,0	
Armature Current				kA		3,723		4,435		3,347	
Frequency				Hz		60		60		60	
Power Factor				-		0,85		0,85		0,85	
Excitation Requirements	No load	I_f	U_f	A	V	360	59	360	57	360	59
	4/4-load	I_f	U_f	A	V	1120	183	1295	205	1030	168
	5/4-load	I_f	U_f	A	V	1351	220	1583	251	1233	201
Cooling Air				kW		1221		1455		1114	
Air flow				m ³ /s		28,0		41,7		28,0	
Temp. rise				K		28,0		49,7		28,0	
Short Circuit				kA		63		63		63	
Currents at				kA		5,0		5,8		4,6	
No-Load				kA		8,0		9,2		7,3	
Short Circuit Ratio				-		0,43		0,36		0,48	
Reactances	x''_d	unsat.	sat.	%	%	20,8	16,8	24,7	20,0	18,7	15,1
	x'_d	unsat.	sat.	%	%	29,3	26,4	34,9	31,4	26,3	23,7
	x_d	unsat.	sat.	%	%	246	233	294	277	222	209
	x''_q	unsat.	sat.	%	%	22,8	18,5	27,2	22,0	20,5	16,6
	x'_q	unsat.	sat.	%	%	52,3	47,3	61,1	55,3	47,0	42,6
	x_q	unsat.	sat.	%	%	234	199	279	237	211	179
	x_2	unsat.	sat.	%	%	21,8	17,6	26,0	21,0	19,6	15,9
	x_0	unsat.		%		11,5		13,7		10,3	
	x_{leak}	unsat.		%		16,6		19,7		14,9	
Time constants at 75 °C winding temperature	T''_d			s		0,031		0,031		0,031	
	T'_d			s		0,772		0,772		0,772	
	T''_{d0}			s		6,987		6,987		6,987	
	T'_{d0}			s		0,044		0,044		0,044	
	T_a			s		0,302		0,302		0,302	
Resistance at 20°C	Stator winding / phase			mΩ		2,58		2,58		2,58	
	Rotor winding			mΩ		118,74		118,74		118,74	
Voltage regulation	PF = rated P.F.			%		42,9		47,2		40,5	
	PF = 1,00			%		37,3		41,6		34,8	
Max. unbalanced load	Continuous			%		8		8		8	
	Short time $i_2^2 \cdot t$			s		10		10		10	
Power at PF = 0	Underexcited			Mvar		33,3		33,3		33,3	
	Overexcited			Mvar		71,1		85,3		63,4	
Winding temp. rise (calculated values)	Stator (RTD)			K		67		81		59	
	Rotor (average)			K		75		95		65	
Losses	Bearing losses			kW		85		85		85	
	Windage losses			kW		414		414		414	
	Core losses			kW		175		175		175	
	Short circuit losses			kW		407		577		328	
	Rotor I ² R losses			kW		190		254		161	
	Total losses			kW		1271		1505		1163	
Efficiencies with tolerance at brushless excitation and rated P.F. (incl. bearing losses)	4/4-load			%		98,35		98,36		98,32	
	3/4-load			%		98,22		98,32		98,14	
	2/4-load			%		97,80		98,02		97,64	
	1/4-load			%		96,24		96,76		95,88	

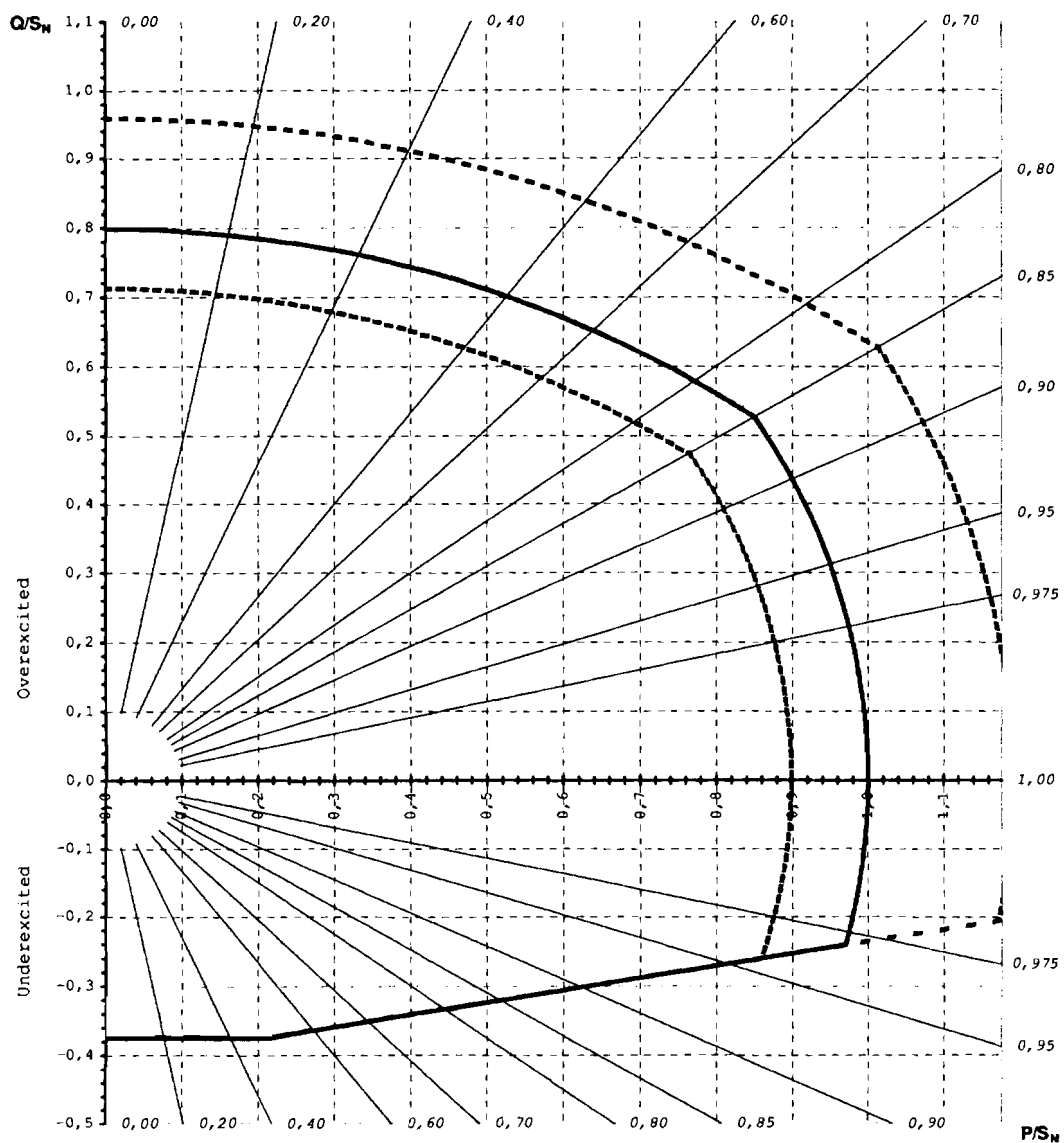
GENERATOR

Reactive Capability Curve

Generator - Type:

TLRI 86/26-36

Load Point	Rated	A	B
S_N	89,00 MVA	106,00 MVA	80,00 MVA
U_N	13,80 kV	13,80 kV	13,80 kV
I_N	3,723 kA	4,435 kA	3,347 kA
f_N	60 Hz	60 Hz	60 Hz
PF	0,85	0,85	0,85
T_{Cold}	40,0 °C	10,0 °C	50,0 °C



GENERATOR

[REDACTED]

Mechanical Data Sheet

[REDACTED]

[REDACTED]

[REDACTED]
[REDACTED]

[REDACTED]
[REDACTED]

[REDACTED]
[REDACTED]

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II.	BASE BID PROPOSAL – Application Forms
e.	Form E

Form E - Firm Capacity Rating (UCAP)

Please provide estimated summer net contract capacities in MW that would be available over the proposed contract term and also indicate any residual firm capacity that would be available to participate in the PJM capacity markets over the life of the proposed project. **The values should reflect the total anticipated PJM UCAP rated capacity over the indicated contract year according to the PJM market rules.**

Please confirm that the capacity will be located within the Delmarva zone.

Contract Year	Location (Indicate PJM Zone)	Summer		Winter	
		Net Contract Capacity (Base)	Net Residual Capacity (Supplemental)	Net Contract Capacity (Base)	Net Residual Capacity (Supplemental)
6/1/2007 - 5/31/2008	PERMITTING / CONSTRUCTION / COMMISSIONING				
6/1/2008 - 5/31/2009					
6/1/2009 - 5/31/2010					
6/1/2010 - 5/31/2011					
6/1/2011 - 5/31/2012					
6/1/2011 - 5/31/2012	DP&L Bus 23020	177	0	175	0
6/1/2012 - 5/31/2013	DP&L Bus 23020	177	0	175	0
6/1/2013 - 5/31/2014	DP&L Bus 23020	177	0	175	0
6/1/2014 - 5/31/2015	DP&L Bus 23020	177	0	175	0
6/1/2015 - 5/31/2016	DP&L Bus 23020	177	0	175	0
6/1/2016 - 5/31/2017	DP&L Bus 23020	177	0	175	0
6/1/2017 - 5/31/2018	DP&L Bus 23020	177	0	175	0
6/1/2018 - 5/31/2019	DP&L Bus 23020	177	0	175	0
6/1/2019 - 5/31/2020	DP&L Bus 23020	177	0	175	0
6/1/2020 - 5/31/2021	DP&L Bus 23020	177	0	175	0
6/1/2021 - 5/31/2022	END OF CONTRACT TERM				
6/1/2022 - 5/31/2023					
6/1/2023 - 5/31/2024					
6/1/2024 - 5/31/2025					
6/1/2025 - 5/31/2026					
6/1/2026 - 5/31/2027					
6/1/2027 - 5/31/2028					
6/1/2028 - 5/31/2029					
6/1/2029 - 5/31/2030					
6/1/2030 - 5/31/2031					
6/1/2031 - 5/31/2032					
6/1/2032 - 5/31/2033					
6/1/2033 - 5/31/2034					
6/1/2034 - 5/31/2035					
6/1/2035 - 5/31/2036					
6/1/2036 - 5/31/2037					
6/1/2037 - 5/31/2038					

Additional Notes (use additional sheets as necessary):

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TABS	TITLE
II.	BASE BID PROPOSAL – Application Forms
f.	Form F

Form F - Net Dependable Capacity Rating (Dispatchable Capacity)

Please provide estimated summer net contract capacities in MW that would be available over the proposed contract term and any residual firm capacity that would be available to participate in the PJM capacity markets. The values should reflect the PJM rated capacity over the indicated contract year according to the PJM market rules.

If the proposal includes any additional capacity from duct-firing, steam injection, or any other type of supplemental capacity (incremental to base capacity), please indicate the amounts available under summer and winter conditions. In addition, note any limitations, including but not limited to emission permitting limitations, on the availability of such additional capacity.

Summer capacities be based on an ambient temperature of 92 degrees Fahrenheit ambient air temperature, and appropriate humidity and altitude.

Winter capacities should be based on an ambient temperature of 30 degrees Fahrenheit ambient air temperature and appropriate humidity and altitude.

Please confirm that the capacity will be available within the Delmarva system.

Contract Year	Location (Indicate PJM Zone)	Summer		Winter	
		Net Contract Capacity (Base)	Net Residual Capacity (Supplemental)	Net Contract Capacity (Base)	Net Residual Capacity (Supplemental)
6/1/2007 - 5/31/2008	PERMITTING / CONSTRUCTION / COMMISSIONING				
6/1/2008 - 5/31/2009					
6/1/2009 - 5/31/2010					
6/1/2010 - 5/31/2011					
6/1/2011 - 5/31/2012	DP&L Bus 23020	177	0	175	0
6/1/2012 - 5/31/2013	DP&L Bus 23020	177	0	175	0
6/1/2013 - 5/31/2014	DP&L Bus 23020	177	0	175	0
6/1/2014 - 5/31/2015	DP&L Bus 23020	177	0	175	0
6/1/2015 - 5/31/2016	DP&L Bus 23020	177	0	175	0
6/1/2016 - 5/31/2017	DP&L Bus 23020	177	0	175	0
6/1/2017 - 5/31/2018	DP&L Bus 23020	177	0	175	0
6/1/2018 - 5/31/2019	DP&L Bus 23020	177	0	175	0
6/1/2019 - 5/31/2020	DP&L Bus 23020	177	0	175	0
6/1/2020 - 5/31/2021	DP&L Bus 23020	177	0	175	0
6/1/2021 - 5/31/2022	END OF CONTRACT TERM				
6/1/2022 - 5/31/2023					
6/1/2023 - 5/31/2024					
6/1/2024 - 5/31/2025					
6/1/2025 - 5/31/2026					
6/1/2026 - 5/31/2027					
6/1/2027 - 5/31/2028					
6/1/2028 - 5/31/2029					
6/1/2029 - 5/31/2030					
6/1/2030 - 5/31/2031					
6/1/2031 - 5/31/2032					
6/1/2032 - 5/31/2033					
6/1/2033 - 5/31/2034					
6/1/2034 - 5/31/2035					
6/1/2035 - 5/31/2036					
6/1/2036 - 5/31/2037					
6/1/2037 - 5/31/2038					

Additional Notes (use additional sheets as necessary):

* All capacity available for peak operation with water injection is included in the base bid.

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II.	BASE BID PROPOSAL – Application Forms
g.	Form G

Form G - Fuel Plan

- 1) Please describe the type and design of the proposed boiler:

The facility will utilize unfired Heat Recovery Steam Generators on this project. Heat input is provided from the Combustion Turbine exhaust gas.

The Heat Recovery Steam Generator Sections will be configured horizontally and include HP and LP Steam Generating and Superheat Sections, dedicated Economizers, and a feedwater / preheat system.

- 2) Identify the primary and secondary fuels used by the project as well as any other alternate fuel capability.

Primary Fuel - Natural Gas (Interstate pipeline quality)

Secondary Fuel - Low Sulfur Light Petroleum Product

- 3) Provide the following fuel specifications:

Fuel Type	Natural Gas	Sulfur Content	N/A
Heat Content	1.00-1.05 MMBtu/Mcf	Ash Content	N/A
Moisture Content	N/A	Ash Fusion Temp.	N/A

Provide the following fuel specifications:

Fuel Type	LSLPP	Sulfur Content	<0.04%
Heat Content	135,000 - 140,000 Btu	Ash Content	0.01
Moisture Content	<0.10 per volume	Ash Fusion Temp.	N/A

- 4) Describe the type(s) and source(s) of the fuel:

Primary Fuel Natural Gas - Interstate pipeline quality natural gas as delivered from the TETCO, Transco, or Columbia Gas interstate pipelines

Secondary Fuel: Low Sulfur Light Petroleum Products delivered by Barge from multiple sources from New York, Philadelphia, or Baltimore harbors to the barge unloading facility where it is transferred to the site from an existing pipeline.

Form G - Fuel Plan

5) For each fuel proposed, provide the following information:

- Expected consumption on a daily and annual basis
- Expected maximum instantaneous usage
- An estimate of the percentage provided by each fuel
- The period in which each fuel will be provided (months)
- The percentage of spot or contract volume for each fuel
- Share of contract volumes for contracts of greater than 5 years

a) Nominal Daily Consumption Estimated at 20,000 dt/day / Annual Consumption 5.0 - 6.0 bcf

b) 1421 mmbtu/hr

c) Maximum secondary fuel operation limited to 10% of the total operating hours per year

d) No seasonal restrictions on fuel availability

e) Final fuel portfolio of firm and spot capacity will vary year to year and be adjusted based on the final contract format.

f) Contracts will be negotiated and executed following the successful award and execution of the PPA.

6) List the transporters and describe the transportation routes used to deliver all fuel requirements (primary and secondary) from the source of supply to the plant site. Provide a map depicting the proposed transportation routes from the source of supply to the Project.

The plant will be served by an existing dedicated gas pipeline that connects with 3 interstate gas pipelines - TETCO, Transco, and Columbia Gas. The three pipelines offer supply sources ranging from Texas and the Gulf of Mexico, U.S. Mid continent, and the Appalachian supply areas. Additionally, these pipelines interconnect with many other interstate pipelines to provide reliable and economic options for the plant.

Barge supplies of liquid fuel can be obtained from the New York, Philadelphia or Baltimore markets and delivered via an existing pipe line from the Edge Moor Barge Facility to the Hay Road site.

Note that the Edge Moor Barge facility is owned and operated by Conectiv Energy.

7) Describe the types (firm or interruptible) and terms and conditions of all transportation arrangements proposed for all transportation segments from the fuel supply source to the Facility site, and provide copies of all such transportation arrangements.

CESI currently has contracts with TETCO and Columbia Gas that deliver nearly 100,000 dt/day of gas to the existing plant site on a firm basis. CESI participates in the released capacity and firm delivered gas markets for periods from 1 day to many years. CESI has NAESB contracts and credit arrangements in place with pipelines, producers, marketers, and gas utilities. Also given the nature of the NE gas markets, interruptible capacity is available for most months of the year.

Form G - Fuel Plan

- 8) Indicate if transportation service is to be provided via existing capacity or if new capacity is required to provide such service. In the event new capacity is required, Bidder shall provide all relevant information relative to the proposed capacity arrangement in sufficient detail to allow the Proposal's feasibility to be evaluated.

CESI would serve the facility in part with gas capacity currently under contract. These contracts can be renewed by CESI to cover the PPA period. Additionally CESI will negotiate with the suppliers for additional firm capacity and other required pipeline agreements that may be needed to meet the gas delivery needs for the plant.

- 9) Provide all pricing arrangements, tariffs and/or pricing assumptions for all separate transportation segments. Explain the basis for the transportation price assumptions.

Pricing (demand charges) of recent incremental pipeline capacity projects in this market area has ranged as high as [REDACTED] per dt, depending on receipt and delivery point.

All interstate pipeline tariffs and their terms and conditions can be found on each of the pipeline supplier's websites.

Final contract terms for full gas delivery are not in place at this time. The proforma assumptions in this proposal utilized existing pricing structures and current commercial arrangements combined with forward market forecasts.

- 10) Provide a description of the sources of fuel supply for the Facility, and list the names of the proposed fuel suppliers.

CESI has NAESB contracts and credit agreements in place with dozens of suppliers, storage holders, marketers, financial entities, and utilities to manage the [REDACTED] Bcf of annual gas needs for its existing generation fleet. CESI buys physical supply in the [REDACTED] and [REDACTED] zones to move on our pipeline transport or put into storage. CESI also buys firm delivered gas and physical options as required. CESI also has the appropriate financial and risk management agreements and systems in place to manage the fuel pricing component of this proposal. For Low Sulfur Light Petroleum Products, CESI has relationships with various marketers in New York, Philadelphia, and Baltimore.

Form G - Fuel Plan

11) Provide copies of all fuel supply arrangements or proposed arrangements. Include all terms and conditions applicable to the arrangements including:

- Term
- Volume commitments
- Pricing arrangements/components
- Minimum take requirements
- Acceptable contract terms and conditions
- Status of the arrangements
- Price re-openers
- Volume flexibility/penalties
- Market out provisions
- Performance guarantees
- Lead time on arranging or nominating gas supply for delivery
- Quality specifications for all fuels

CESI will assemble an appropriate portfolio of gas transport, storage and supply as well as the required liquid fuel needs that is consistent with the energy pricing proposed in the PPA. The supply portfolio will include both the expected physical supply needs of the plant as well as the financial instruments and options that would be used to manage the fuel commodity portion of the submitted energy offer.

12) Provide a description of the fuel pricing arrangements for both the primary and secondary fuels including the fuel price index utilized as well as any escalation factors or any other costs to the company, any price floors or ceilings, and any price variation based on load factor or other provisions.

For natural gas, the submitted energy pricing is based on an annual gas cost at the Henry Hub plus a transportation charge for delivery (basis) to the plant. For years where Henry Hub pricing is not available, an annual escalation of 3% will be used from the last available year. For liquid fuel, pricing will be based on a Platt's oil index plus related transportation charges.

Form G - Fuel Plan

- 13) Provide information that describes if and how the fuel pricing arrangements are integrated with the terms of the proposed PPA. Discuss if there are any limitations in the fuel supply arrangements that could affect unit dispatch or translate into a constraint on unit operations.

The pricing of the PPA is the result of CESI's analysis of all expected costs to deliver fuel to the plant. These include physical commodity, gas pipeline transport and upgrades, gas storage needs and all costs associated with liquid fuel storage and delivery.

Fuel would be available at the plant except under Force Majeure conditions.

- 14) Provide copies of supplier's annual reports, marketing and financial information that illustrate the financial and market strength of the supplier and its experience in supplying fuel to power Facilities.

CESI will procure and manage all the fuel needs, both physically and financially, of the plant as required to support this offer. The fuel sources referenced through this document are major transporters and are well equipped to support this project.

CESI has a long standing history with the referenced fuel suppliers for this proposal who meet the daily needs for providing fuel for the 3600 MW currently managed by Conectiv Energy including the existing 2000 MW of Combined Cycle technology applied in this proposal.

- 15) Provide a description of Bidder's experience in securing fuel supply and transportation arrangements for other Facilities of similar size, technology and fuel type.

Conectiv Energy has operated a portfolio of more than 3600 MW of base load, combined cycle, and peaking generation for over 10 years. For the last 5 years, Conectiv Energy's dual fuel combined cycle fleet has been nominally 2000 MW. Conectiv Energy had oversight for the combined cycle engineering and construction activities. The O&M, fuel procurement, and PJM dispatch activities for the combined cycle plants have also been managed by Conectiv Energy.

Form G - Fuel Plan

- 16) Describe the fuel inventory and management procedures followed by the Bidder. Include in the response, a description of the planned inventory maintained for the Facility on both a volumetric basis and based on number of days or hours at full unit output; whether the inventory will be maintained on-site or off-site; and the on-site or off-site storage capacity available. For storage capacity, indicate if it is on-site or off-site storage, identify the volume of storage capacity, and the number of days or hours at full output which the storage facilities could sustain.

For natural gas, it is expected that CESI will [REDACTED] to support 10 days of on-peak plant operation. This storage will be connected to firm interstate pipeline transport for reliable fuel delivery. It is expected that CESI will purchase physical options for delivered gas from market area sources as a supplement to the [REDACTED]

For liquid fuel, there is a 250,000 bbl storage tank on site that currently serves the existing Hay Road Power Complex. (HRPC)

- 17) Provide a description of Bidder's fuel supply strategy and criteria that serves as the basis for evaluating and selecting fuel suppliers and transporters.

As described previously, Conectiv Energy has owned and operated a fleet of more than 3600 MW of generation, including all fuel procurement and management requirements for over 10 years.

CESI has in place all the necessary contracts with brokers, marketers, and financial entities to supply all the fuel needs for the units.

CESI's energy professionals have the expertise and the internal processes in place to manage both physically and financially such fuel activities. CESI's risk and credit staff monitor the financial health of our suppliers on an ongoing basis.

- 18) For energy sale bids in which bidder plans to acquire and manage the fuel supply, describe supply plan and identify all contracts that support the supply of firm gas transportation and firm supply to the proposed plant.

Please see the responses to Questions 6 through 17 of Form G

Form G - Fuel Plan

- 19) For gas-fired facilities, identify the pipeline to which the bidder plans to interconnect.

By way of a direct dedicated lateral, the plant will be connected to 3 interstate pipelines -
TETCO, Transco, and Columbia Gas

- 20) Describe the gas interconnection facilities that will be needed including the size, length and location of the lateral interconnection and fuel delivery point (attach a USGS-based map showing the gas pipeline delivery point, the location of any lateral lines, compressors and meters.)

There is gas infrastructure currently in place to serve existing facilities. No system upgrades are anticipated at this time. See the USGS map and sketch attached to this section.

- 21) If known, please indicate the total assumed capital costs for all gas facilities that are estimated.

No system upgrades are expected to be required.

- 22) If secondary on-site fuel storage is proposed, describe the fuel type, including quality specifications, quantity, and maximum number of full-load run hours on secondary fuel.

For liquid fuel, there is a 250,000 bbl storage tank on site. Assuming 90% draw capacity, > 1000 hours of operation which exceeds the expected total hours for the year. Calculation assumes no other units are operating on oil during this period and tanks are full.

- 23) Indicate the gas delivery pressure required at each of the following points.

plant burner tip pressure: _____ psig
gas interconnection point: _____ minimum psig
gas interconnection point: _____ maximum psig

- 24) Identify the pressure **guaranteed** by the interconnecting pipeline at the fuel delivery point.

There is no guaranteed minimum pressure

- 25) Indicate the maximum daily and hourly gas consumption at the proposed plant and the amounts required on a firm a basis:

	Summer	Winter	Comment
Maximum Daily Consumption (mmBTU/day)	_____	_____	Assumes Peak Mode; 24 hrs/day
Maximum Hourly Consumption (mmBTU/hr)	_____	_____	Assumes Peak Mode; 24 hrs/day
Expected Daily Consumption (mmBTU/day)	_____	_____	Base Mode; 16 hrs/day (Peak Period)
Expected Hourly Consumption (mmBTU/hr)	_____	_____	Base Mode; 16 hrs/day (Peak Period)

Form G - Fuel Plan

- 26) List any gas quality restrictions and indicate if the required delivery pipelines have acceptable gas quality.

The installed Generation equipment at the existing site and to be used in this expansion project will require pipe line quality gas. Historically, since initial operation at the site since the early 1990's, pipe line quality gas has not been an issue. No restrictions or limitations will be invoked for this project.

- 27) Describe the fuel transportation / supply plan, including all railroad(s), truck routes, quantities and frequencies. Explain any highway or rail improvements that may be necessary to accommodate the proposed transportation plan, such as paving, bridges, new spurs, etc., as well as plans for accomplishing such improvements.

All infrastructure for the delivery of Natural Gas and Low Sulfur Light Petroleum Products are currently in place. Accordingly, no upgrades or improvements will be required.

- 28) Identify all rail carriers and describe the status of any transport negotiations or agreements, including any known or anticipated freight rates.

N/A

Form G - Fuel Plan

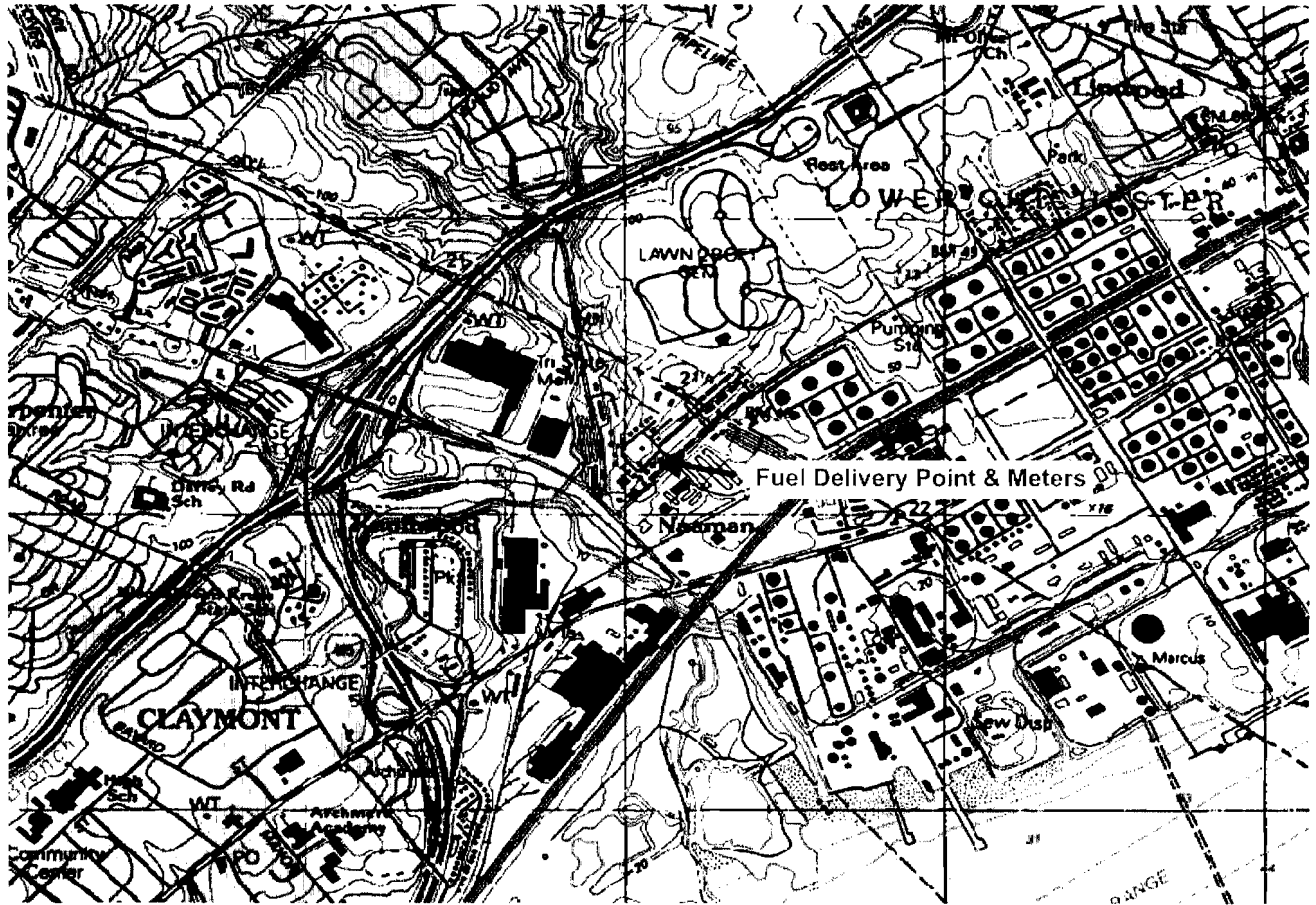
29) For wind and other renewable resource projects, please provide the following:

- a) A summary description of the resource studies used for the specific sites;
- b) A statement of the period for which data were collected and the sites from which those data were collected;
- c) A summary of the qualifications of the parties who prepared the resource studies; and
- d) A projected average net output in MWh in a 12 x 24 matrix (for each hour, indicate the average number of MWh expected to be generated) showing total expected monthly and annual output (and stating the expected capacity factor).

N/A

Form G - Fuel Plan

QUESTION 20 SHEET 1 OF 2



Form G - Fuel Plan

QUESTION 20 SHEET 2 OF 2

[Redacted content]

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II.	BASE BID PROPOSAL – Application Forms
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h.	Form H
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Form H - Environmental Impact - Air Emissions

Please provide the following emission rate information for proposed generator(s), including supplemental capacity (duct-firing, steam injection, etc.), if applicable.

Emission Rates on Primary Fuel: [Gas firing in Pre-Mix Mode - See Note 1]

	Base Capacity (lb/MMBtu)	Full Load w/ Supplemental Capacity (lb/MMBtu)
Oxides of Sulfur	0.003	
Oxides of Nitrogen	0.01	
Carbon Dioxide	117.08	
Carbon Monoxide	0.018	
Volatile Organic Compounds	0.00168	
Particulate Matter - PM10	0.021	
Particulate Matter - PM2.5	0.021	
Lead	N/A	
Mercury	N/A	
Maximum NOx emission rate (in parts per million):		3
Maximum CO emission rate (in parts per million):		9
Maximum permitted/permittable annual capacity factor (%):		See Note 2

**Emission Rates on Secondary Fuel (if applicable): Low Sulfur Light Petroleum Product
(See Note 1)**

	Base Capacity (lb./MMBtu)	Full Load w/ Supplemental Capacity (lb/MMBtu)
Oxides of Sulfur	0.04	
Oxides of Nitrogen	0.054	
Mercury	N/A	
Carbon Dioxide	159.535	
Carbon Monoxide	0.021	
Volatile Organic Compounds	0.00175	
Particulate Matter	0.039	
Maximum NOx emission rate (in parts per million):		14
Maximum CO emission rate (in parts per million):		9
Maximum permitted/permittable annual capacity factor (%):		See Note 2

Form H - Environmental Impact - Air Emissions

Indicate if Facility is capable of CO₂ capture. If yes, describe the potential methods for capture and associated costs.

The proposed facility is not designed to utilize CO₂ capture, although potential does exist for retrofit capability should sequestration technology mature and become commercially available.

Additional Notes:

1. Emission rates are estimates at base load and iso conditions. Final permit limits will be defined during the permitting process.
2. The facility will attain sufficient emission offset to operate at or above the forecasted total capacity factor of █% for primary and secondary fuels. The maximum capacity factor based on review of the RFP for this unit will be █% and is based on an estimated █ hours in Pre-Mix mode █ hours of gas diffusion, and █ hours of LSLPP operation.
3. Data reported for CO₂ emissions are based upon generic emission factors and reported on a lb of CO₂ per million BTU *heat input* basis. Combined cycle technology utilizes waste heat to produce additional megawatts through a secondary steam cycle without the need for additional fuel combustion. Therefore, emissions associated with the use of this technology on a comparative basis, are about one third less than emissions from con-

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II.	BASE BID PROPOSAL – Application Forms
i.	Form I

Form I - Environmental Impacts/Permits - Air and Water

- 1) Describe all air quality permits that will be required for the project.
The proposed facility will be deemed a "major modification" to the Hay Road Facility and as such will need to comply with DNREC Reg. 25, Requirements for Preconstruction Review and Reg. 1102 Permits. The facility will need to undergo a Best Available Control Technology (BACT) Review for PSD pollutants emitted in significant quantities, and a Lowest Achievable Emission Rate Review (LAER) for non attainment pollutants (e.g. NOx). The facility will also need to secure emission offsets for NOx - [REDACTED]
[REDACTED] Construction Permits and Operating Permit modifications to accommodate the proposed offsets will need to be secured. In addition, the new facility will need Acid Rain Permits, and a Title V Operating Permit.
- 2) State whether any air permits have been secured, and if not, whether applications have been filed. Report on the status of any pending applications and any feedback from permitting agencies.
No regulatory permit applications have been submitted for the proposed facility. Permit applications will be initiated immediately following the contract award.
- 3) Describe the expected time frame to obtain the necessary air permits after application submittal to the State including the expected dates of filing the permit applications.
The proposed technology replicates the existing technology currently in use at the site which was reviewed and permitted by DNREC in the last five (5) years. Regulatory approvals always include uncertainties, but a conservative estimate would be that air permits would be obtained in approximately [REDACTED] months from contract award. The unique operating experience and known characteristics will limit permit preparation time to several (3 - 5) months from contract award.

Form I - Environmental Impacts/Permits - Air and Water

- 4) Describe all other federal, state and local environmental permits and approvals that will be required, including but not limited to federal environmental assessments under the National Environmental Policy Act (EA/EIS), wastewater discharge permits, hazardous waste permits, etc. Report on the status of all such permit applications and any feedback from permitting agencies.

Based on the specific site characteristics, the Major Permits Include:

DNREC Reg 25 Prevention of Significant Deterioration/ Non Attainment Approval, Acid Rain Permit, Delaware Coastal Zone Permit Approval - Environmental Assessment (as an existing manufacturing use), Delaware River Basin Commission Water Use Approval, DNREC NPDES

Permit Approval (Modification to existing Edge Moor Power Plant for 316 A thermal impacts assessment, New Castle County Wastewater Discharge Permit Modification to Sewer system, DNREC Reg 1146 Construction Permit Approval, New Castle County Land Development Approval (Environmental Assessment), Soil Erosion and Sediment Control Plan, Storm Water Management Plan, DNREC Facilities Permit, US Dept of Energy Fuel Use Act Certification, Fed Aviation Admin Stack Height Approval.

- 5) Describe the water supply strategy for the project, including a description of water requirements, water supply source(s), discharge plans, new water pipeline requirements, and any work completed to date on the water supply plan. Discuss how impingement/entrainment issues will be addressed.

The water supply strategy proposed for this project, is based on Conectiv Energy's previous expansion of its adjacent HRPC. As such, the potable and plant service water will be obtained from municipal sources via existing supply pipelines to the HRPC. Condenser and cooling tower makeup water will be obtained from the existing EMPP once-through cooling water discharge canal.

The advantages of this approach are several. Obtaining potable and plant service water from municipal sources will ensure consistent water quality requiring minimal onsite treatment, and will eliminate the need for groundwater withdrawal and treatment systems. Conectiv Energy will also utilize its existing HRPC water treatment and demineralized water storage facilities. Upgrades to this proven system, if required to accommodate the proposed project, is more viable and cost effective than development (i.e., siting, permitting, and construction) of a new, stand-alone treatment and storage facility. - continued

Form I - Environmental Impacts/Permits - Air and Water

The principal benefit of obtaining cooling tower makeup/condenser water from the "hot-side" of EMPP's existing cooling water discharge canal is to eliminate the need for a new surface water intake [along with its associated 316(a) and 316(b) issues that require very lengthy permit lead times]. This design has proven to be an efficient solution for HRPC's Units 4 and 8, eliminates any concern regarding impingement and entrainment issues, and can be accomplished via a tap into the existing HRPC Unit 4 or 8 intake pipelines from the discharge canal. The resulting blowdown will be returned via a short, new pipeline to the existing HRPC Unit 4 or 8 discharge to the EMPP cooling water discharge canal. As demonstrated in the successful prior permitting of the similar Hay Road Unit 4 and 8 designs, this commingled discharge will discharge to the Delaware River via existing EMPP Outfall 001, and result in an actual improvement to the current discharge temperature.

- 6) Describe any benefits to long-term air and water quality anticipated to result from the facility.

As required under Delaware's Coastal Zone Permit Regulations, affected sources must "more than offset" their actual environmental impacts for all media. This would, for example, go beyond the federal and state Clean Air Act requirements for non attainment pollutants emitted above threshold quantities. Conectiv proposes to offset its actual air emissions from the proposed facility by [REDACTED] order to provide equivalent NOx emission offsets for NOx and other conventional regulated pollutants emitted from the new facility.

The water supply strategy proposed for this project is been shown to result in numerous long-term benefits and minimal impacts due to its location adjacent to the existing HRPC. Briefly, these benefits include utilization of existing infra-structure, thus eliminating most of the typical impacts to sensitive ecological resources usually associated with development of rights-of-way or Greenfield site. Under the proposed approach impacts to resources such as wetlands, shorelines, inter-tidal and near-shore areas from new rights-of-way, pump houses, and intake/discharge structures are either eliminated or minimized. Delaware's Coastal Zone requirements can be met based on existing facilities and compatible zoning and land use. EPA and Coast Guard review and approvals will be minimized or eliminated since no new intake or discharge will be required. Impacts to the fish and other aquatic fauna will be eliminated, and may be improved due to the reduced discharge temperature at EMPP outfall. (No. 001)

- 7) Describe the control technology which will be utilized at the facility for control of air emissions. Describe any performance guarantees related to specific control equipment.

The proposed facility will use gas dry premix combustion technology in order to limit NOx emissions when firing gaseous fuel in the primary mode of operation. The use of the Siemens unique silo combustors also limits the formation of VOC and CO emissions at all loads without the need for the use of CO catalyst technology. Flue gas NOx emissions are further reduced through the use of Selective Catalytic Control Reduction (SCR) technology. In the liquid fuel firing modes, water injection is used to limit NOx emission prior to the use of SCR technology.

Form I - Environmental Impacts/Permits - Air and Water

- 8) In anticipation of future environmental control programs, describe the expected capability to reduce air or water emissions. Options may include additional control equipment, modified operations, reduced operations, etc. Include in your description the feasibility of and anticipated degree of difficulty of each option.

The facility will utilize the Best Available Control Technology at the time of construction.
The proposal, as configured, is unique and allows for daily shutdown and turn down capability.
This will minimize annual plant emissions when not required to meet load demands and allow non-cycling and lower cost PJM units to operate at loads above minimum load where excess air impacts emissions and efficiencies.
This feature benefits the environment and provides financial benefits.

With regard to water resources and aquatic impacts, the proposed use of existing once through cooling water has been shown to reduce aquatic impacts in previous Hay Road applications, and will allow the environmentally conscience use of water for consumptive use.

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II.	BASE BID PROPOSAL – Application Forms
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j.	Form J
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Form J - Environmental Impact Hazardous Waste

Describe Environmental Effects of Power Plant Construction and/or Operation on the following:

1) On-site Treatment, Storage, Disposal Facilities

Hazardous waste associated with a facility such as the proposed power plant consists primarily of potentially flammable substances (gas pipeline condensate, small amounts of water treatment chemicals and volatile compounds). Based on the siting, design, and operational requirements of Conectiv Energy's proposed power plant, the environmental effects of power plant construction and/or operation of onsite treatment, storage, and disposal facilities will be minimal. Regarding construction, the plant will be sited on a cleared upland portion of an industrially zoned brown field site. This location lacks potentially sensitive environmental or land use resources (eg., wetlands, surface waters, endangered species, aesthetic or cultural resources). Regarding operation, the proposed plant will utilize the existing state-of-the-art waste handling, treatment, and storage facilities in the adjacent facility which operate in full compliance with applicable federal, state, and local regulations and guidelines. Based on the typical operations of the similar Hay Road units, the proposed facility should qualify under either the Small Quantity Generator or Conditionally Exempt Generator status.

2) Off-site Transportation

Any hazardous waste generated during construction or operation will be stored in designated, clearly identified storage areas prior to off-site transport to approved waste disposal facilities by licensed hazardous waste contractors.

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II.	BASE BID PROPOSAL – Application Forms
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	k. Form K
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Form K - Environmental Impact Land Impacts

Describe Environmental Effects of Power Plant Construction and/or Operation on the following:

1) Wetlands

Conectiv Energy's proposed plant has been sited on an upland portion of an industrial site which does not support or adjoin jurisdictional wetlands. Similarly, the utilization of existing infra-structure (e.g., roads and utility rights-of-way) will avoid impacts to freshwater or tidal wetlands by linear facilities. The facility has been located on this brownfield site to specifically avoid wetland impacts. During construction potential stormwater runoff impacts to offsite wetlands will be controlled under County-approved Soil Erosion and Sediment Control Plan. During operation, such impacts will be avoided through development of an approved Stormwater Management Plan and system.

2) Terrestrial Environment (Wildlife, including Avian Protection)

The proposed power plant will be located on a cleared brownfield site that has been previously used as staging and laydown area for the adjacent power plants. The site supports no wildlife habitat or resources, is surrounded by other onsite and offsite industrial facilities, and does not provide or adjoin natural habitats suitable for wildlife or related ecologically important resources such as wading bird colonies. Construction and/or operation of the facility at this proposed site will have no impacts to the terrestrial environment.

3) Aquatic Environment (Fish and Aquatic Organisms)

The project site does not support or adjoin aquatic habitat. Stormwater runoff impacts to offsite aquatic habitat (i.e., the Delaware River) are avoided through implementation of the soil erosion and sediment control measures (construction phase) and a stormwater management system (operation). Potential operational impacts to the aquatic environment from impingement or entrainment at the surface water intake are eliminated via the utilization of the Edge Moor Power Plant's once-through cooling discharge. Moreover, this design will also result in the lowering of the exiting Edge Moor discharge temperature, resulting in an additional environmental benefit. Since the proposed design will utilize existing intake and discharge facilities in the Delaware River the need for dredging or filling in any aquatic environment is eliminated.

4) Threatened and Endangered Species Protection

The proposed project site supports no onsite natural terrestrial or aquatic habitats, is located in a highly developed and industrially zoned area, and onsite and surrounding land uses preclude the presence of threatened or endangered species. The absence of such species was further verified in a series of previous site surveys.

Form K - Environmental Impact Land Impacts

Describe Environmental Effects of Power Plant Construction and/or Operation on the following:

5) Delaware Coastal Zone

The proposed project site is located within the boundaries of Delaware's Coastal Zone. However, Conectiv Energy's existing Hay Road Power Complex has been successfully permitted as an allowable use as recent as 1999. In fact, the expansion of HRPC's Units 5-8 was successfully accomplished under the first Coastal Zone offset requirement revisions.

6) Agricultural Areas

The proposed project site adjoins the eastern portion of the City of Wilmington in New Castle County and does not support or adjoin agricultural areas.

7) Corridors needed to connect to fuel sources and the electric transmission grid

The proposed project site has been selected, in part, based on the availability of existing infra-structure. Based on Conectiv Energy's proposed site and plant design no offsite corridors for fuel lines, transmission lines, or water intake and discharge lines will be required for this project

8) State-designated Scenic Byways

No state-designated scenic byways exist in the vicinity of the project site. Hay Road and Interstate 495 are the two roads in the vicinity of the site.

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TABS	TITLE
II.	BASE BID PROPOSAL – Application Forms
I.	Form L – Complete with Attachments

Form L - Site Development General

- 1) Indicate whether bidder controls the development site through a) ownership of a leasehold interest in, or a right to develop a site for the purpose of constructing the proposed generating facility; b) an option to purchase or acquire a leasehold site for such purpose; c) an exclusivity or other business relationship between bidder and the entity having the right to sell, lease or grant bidder the right to possess or occupy a site for such purpose; or d) fee simple.

The land for the proposed project is owned by Conectiv Delmarva Generation, Inc. a fully owned subsidiary of Conectiv Energy Holdings. Conectiv has full development and ownership rights to the site.

- 2) If site control described in 1) above has not yet been secured, describe plan and schedule for obtaining such site control.

N/A

- 3) Indicate if the proposed development site has an appropriate zoning designation, or whether a rezoning is necessary. Describe any rezoning plans and issues.

Conectiv Energy's proposed project site is zoned M-3, Heavy Industrial, a zoning designation that is entirely consistent with the proposed project. No rezoning is necessary.

- 4) Describe all city or county land use permits that will be required such as conditional use or special use approvals.

The property is zoned Heavy Industrial and therefore special use permits are required.

To proceed with Construction, County and City permits would include:

1) New Castle County Land Development and Soil Erosion Permits

2) Building and Occupancy Permits

3) New Castle County Wastewater Discharge Permit Modification to Sewer system

4) New Castle County Council Approval

5) State Fire Marshall Plan Approval

Form L - Site Development General

- 5) Report on the status of land use permitting activities, including the status of any pending applications and any feedback from permitting agencies, community or neighborhood groups.

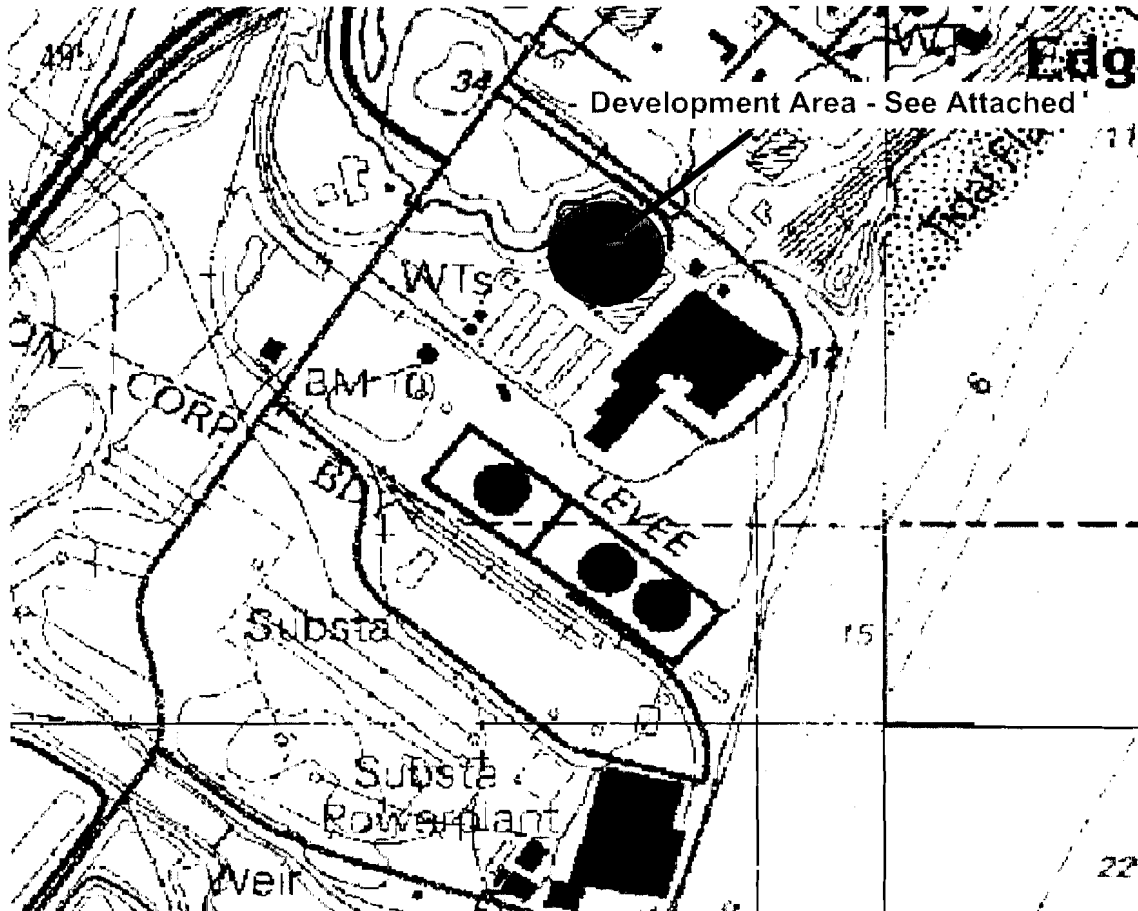
No permit applications have been developed or submitted to date. Permitting of the Hay Road expansion in 1999 was approved by local, state, and federal agencies. There are no land use changes required and the proposed use is consistent with the existing site use.

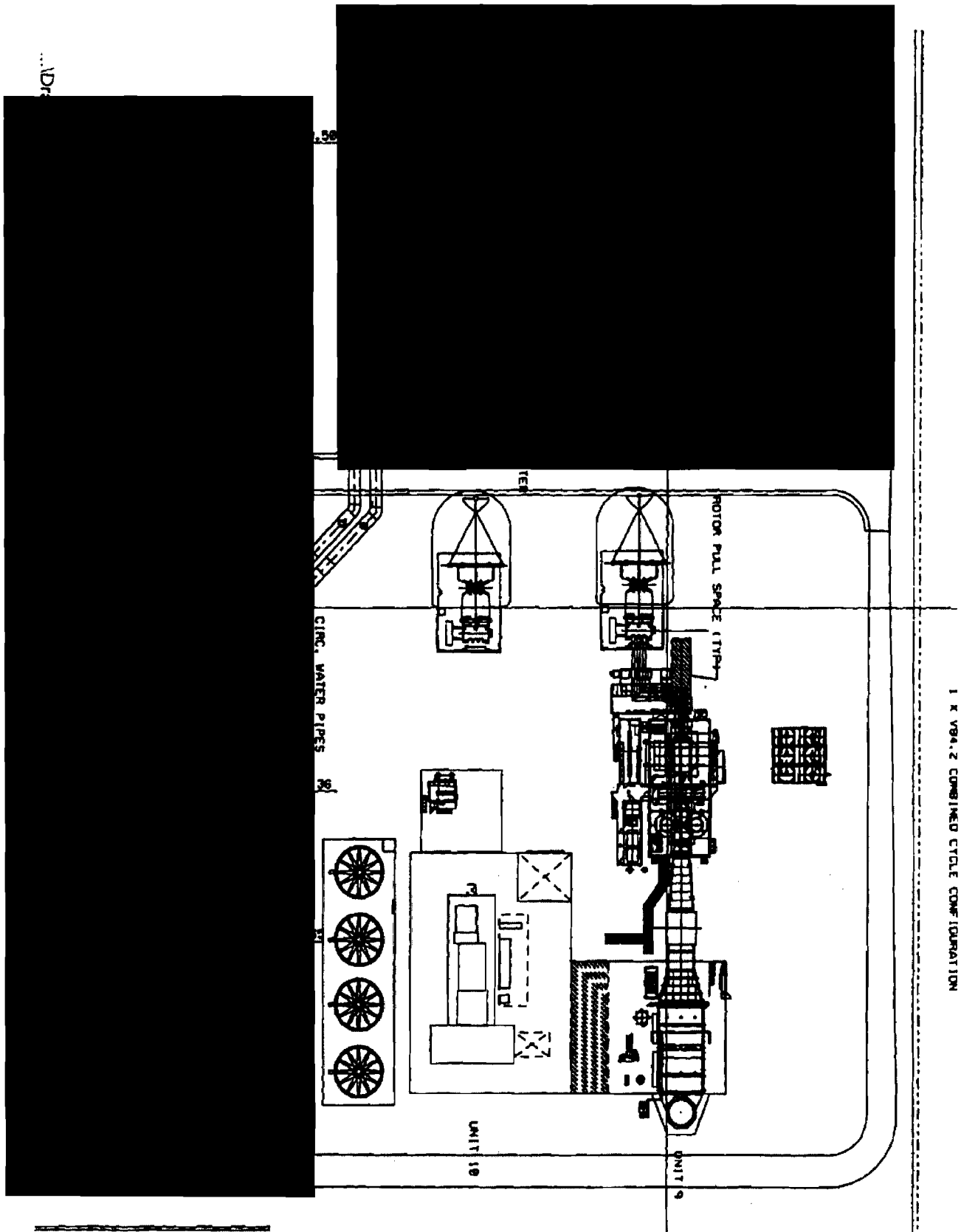
- 6) Describe existing and planned land uses in all directions surrounding the proposed development site.

The existing land uses surrounding the proposed project site consist of generally heavy industrial and manufacturing facilities, major transportation corridors (Amtrak rail corridor, I-495), the City of Wilmington's Wastewater Treatment Plant and associated sludge stabilization facilities, and the Cherry Island Landfill. Conectiv Energy is not aware of any planned land use changes that would change the character and land use pattern of this general area.

- 7) Indicate the total acreage of the proposed site: 6 acres
- 8) Indicate if the site is an existing brownfield or industrial location: X Yes No
- 9) Attach a USGS-based map showing the location of the proposed development site and the anticipated placement of all facilities at the site including transmission and fuel related facilities.
- 10) Attach a complete Project Development and Construction Schedule
See attachment

ATTACHMENT I: QUESTION 9 - USGS MAP OF PLANT LOCATION





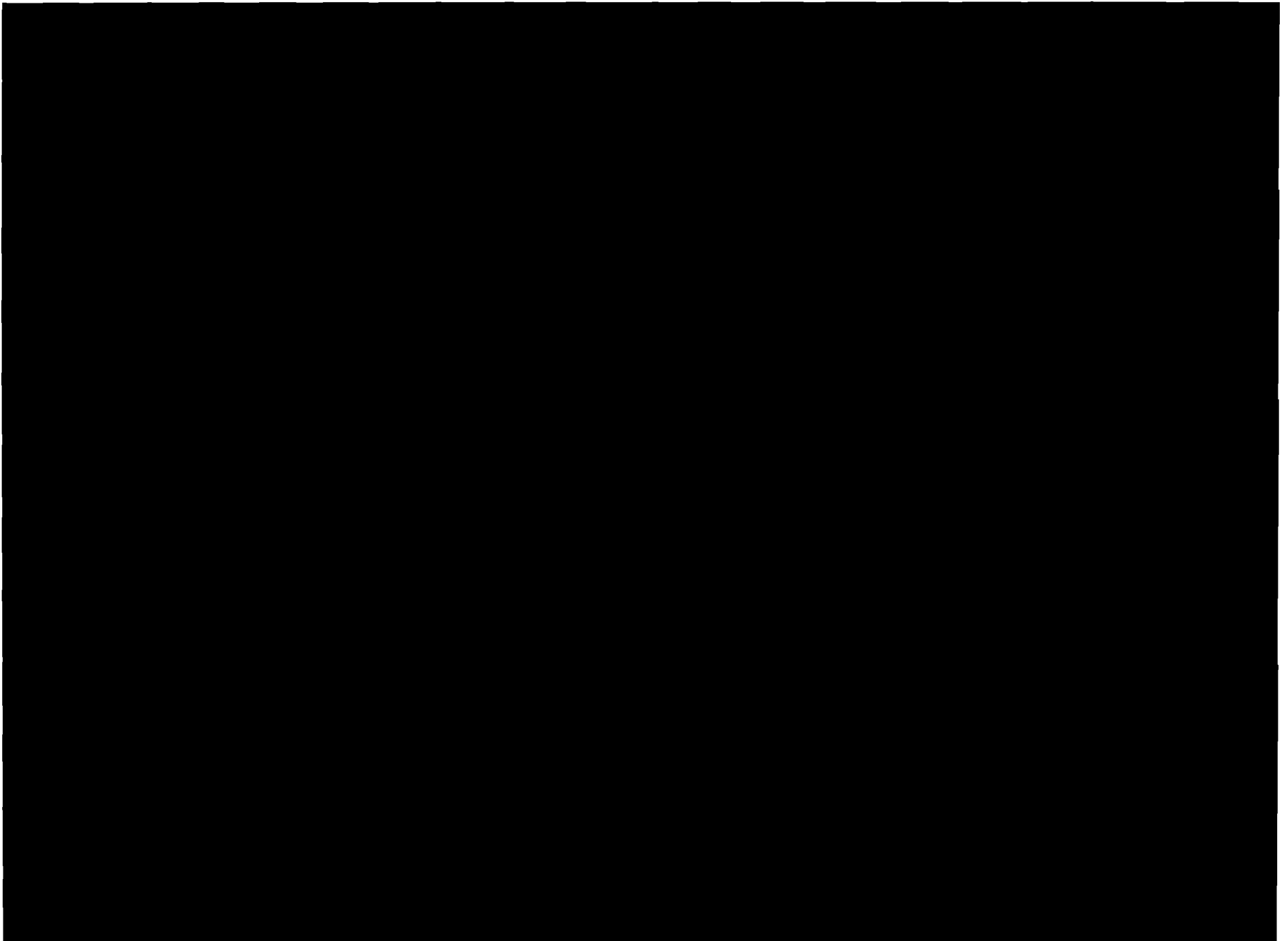


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II.	BASE BID PROPOSAL – Application Forms
m.	Form M

Form M - Site Development Socio Economic

Describe Environmental Effects of Power Plant Construction and/or Operation on the following:

1) Visual Landscape and Visibility Impacts

The visual landscape surrounding the project site is dominated by industrial facilities including the City of Wilmington's Wastewater Treatment Plant, VFL-Headwater's sludge stabilization facility, Cherry Island Landfill, DuPont's Titanium Oxide plant, industrial warehouses, Amtrak's rail yard, and major transportation corridors, among others. As such, the visibility impacts of the new power plant, if any, should be minimal. Moreover, the proposed plant site is located immediately adjacent of the similar HRPC facilities.

2) Archaeological and Historical Sites

No archaeological or historical sites exist on or adjacent to the proposed project site. No sites of cultural resource value are located in the vicinity of the project site.

3) Landmarks and Sensitive Areas

No landmarks or sensitive areas exist on or adjacent to the proposed project site. Fox Point Park is located approximately one mile north of the site, and separated from the latter by DuPont's Titanium Oxide plant and other industrial facilities. As such, the proposed power plant should not be visible from this park.

4) Noise Impacts

The proposed power plant would be located more than 3,500 feet from the nearest residential areas located to the northwest. The plant site is separated from these residential areas by the Amtrak rail corridor, Amtrak rail yard, I-495, Governor Prince Boulevard (U.S. Route 13), and Hay Road, among others. The proposed plant site is located in, and surrounded by, industrially zoned lands, and the plant will comply with all applicable noise ordinances. No noise impacts are anticipated.

5) Transportation Impacts

The proposed plant site is strategically located east of I-495, and can be accessed via Hay Road from either of two nearby exits off of I-495. Access to the site will require no traffic through either residential areas or via roadways with unacceptable levels of service.

6) FAA Impacts

The proposed plant will have no impacts to air traffic. Although not required based on the proposed stack height, Conectiv Energy will submit the proper FAA notification package.

Form M - Site Development Socio Economic

7) Economic Development

During construction, total craft man hours will approach 400,000 with an additional 125,000 of non-craft or management hours. Secondary benefits include property and use tax revenues and increases and trickle down revenues for all area businesses.

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II.	BASE BID PROPOSAL – Application Forms
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n.	Form N – Complete with Attachments
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Form N - Site Development Interconnection Arrangements

- 7) Please indicate if the proposed generator will require a new transmission interconnection or an expansion of an existing interconnection with the DPL system?

An expansion of an existing interconnection with the DPL system will be required.

- 8) DPL will assume no network upgrades are included in the Bidder proposal unless specified. If network upgrades are included, please indicate the total assumed capital costs for all transmission interconnection facilities

\$ [REDACTED]

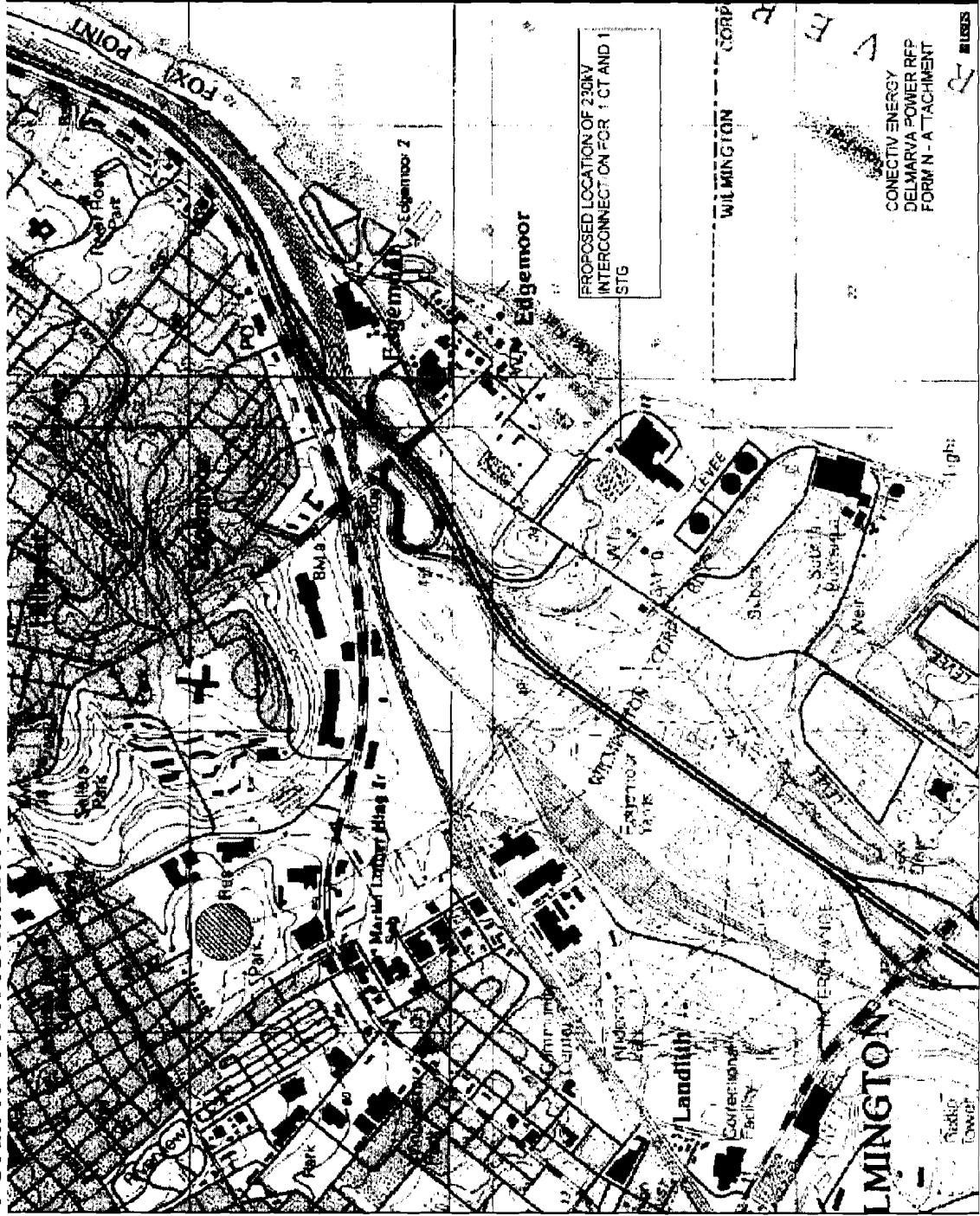
- 9) DPL will assume no network upgrades are included in the Bidder proposal unless specified. If network upgrades are included, describe the specific transmission elements to be upgraded and include a narrative description of the upgrade plan.

No network upgrades are included in the Bidder proposal.

- 10) If available, provide a copy of bidder's preliminary transmission interconnection study.

Not Available

FORM N - ATTACHMENT I



FORM N - ATTACHMENT II

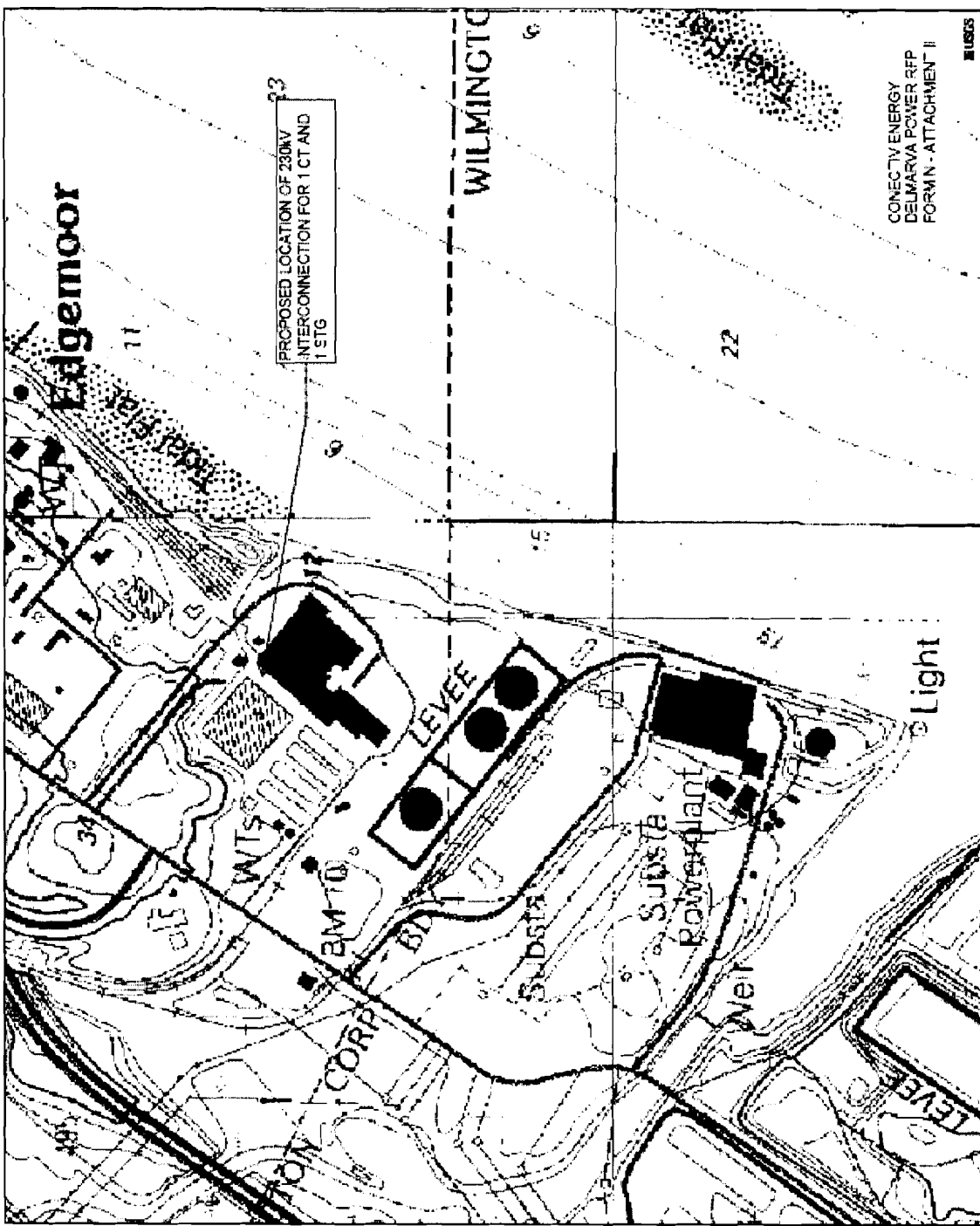


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II.	BASE BID PROPOSAL – Application Forms
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o.	Form O – Complete with Attachments
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Form O - Financial Information

- 1) Bidder Legal Name: Conectiv Energy Supply, Inc.
- 2) Physical Address: Conectiv Energy and Technology Center
500 North Wakefield Dr., Newark, DE 19702
- 3) Financial/Credit Contact Person: Nate Wilson
Position Title: Vice President - Operations and Risk
Telephone: 302 451-5120
Fax: 302 451-5261
E-mail: nate.wilson@conectiv.com
- 4) Federal Tax Identification Number [REDACTED]
- 5) Bidder Dun & Bradstreet Identification Number 08-252-5226
- 6) Bidder is (check all that apply)
- | | |
|----------------------------------|---------------|
| a. Corporation | <u>X</u> |
| b. Partnership | <u> </u> |
| c. Joint Venture | <u> </u> |
| d. Sole Proprietorship | <u> </u> |
| e. Limited Liability Company | <u> </u> |
| f. Limited Liability Partnership | <u> </u> |
| g. Other (attach description) | <u> </u> |
- 7) Indicate if the bidder intends to use a guarantor. If yes, provide legal name of the guarantor.
Yes, CESI will use Pepco Holdings, Inc. as its parent guarantor
- 8) Guarantor's Dun & Bradstreet Identification Number: 10-589-5010
- 9) Bidder Credit Rating Information: CESI is not individually rated.
- | | Issuer Rating | Senior Unsecured Rating | Short-Term Rating |
|---------|---------------|-------------------------|-------------------|
| S&P | | | |
| Moody's | | | |
| Fitch | | | |
- 10) Provide rating reports from the respective agencies for prior 36 months.
CESI is not individually rate - no reports to attach.

Form O - Financial Information

11) Guarantor Credit Rating Information

	Issuer Rating	Senior Unsecured Rating	Short-Term Rating
S&P	BBB	BBB -	A2
Moody's	Baa3	Baa 3	P3
Fitch		BBB -	F2

12) Provide rating reports from the respective agencies for prior 36 months.

Please see the attached reports from S&P. The reports from both Moody's and Fitch are protected by them from reprinting or distribution but can be seen on their respective web sites or can be viewed in our offices.

13) If bidder is relying on guarantor for credit support, please describe the corporate relationship between bidder and guarantor. Also, provide a statement regarding the proposed guarantor's willingness to provide guarantee acceptable to DPL (see attachment to PPA).

CESI is a wholly owned subsidiary of Conectiv Energy Holding which is in turn a wholly subsidiary of Pepco Holdings (PHI). See attached letter.

14) Provide audited financial statements for the last three years for bidder and guarantor (if applicable). If audited financial statements are not available, provide un-audited financial statements with CFO attestation. If financial statements are consolidated, provide stand-alone financial statements with CFO attestation for bidder and guarantor.

CESI does not have audited financial statements. PHI's audited statements can be viewed and downloaded at its web site www.pepcoholdings.com.

Form O - Financial Information

- 15) For all related liquidity/credit lines for the bidder and/or guarantor (if applicable), list all credit lines and, for each credit line, provide the following information:

a. Type of facility (i.e. 364-revolver, 3-year revolver or bilateral loan), size, expiration date

[REDACTED]

b. Issuing entity, obligor, guarantor, co-guarantor

PHI as a signor of the Agreement is the obligor.

c. How much of the facility can be drawn as cash and how much as letter of credit

[REDACTED]

d. What is current availability and usage under the line. Provide, historical, minimum, maximum, average for the last 24 months

Please see the attached table.

e. Indicate if this is a committed or uncommitted credit line

☒ Committed ☐ Uncommitted

f. Does the credit line have a MAC clause? ☒ Yes ☐ No

g. Does the facility have a security interests or springing security interests? If yes, describe security interest and/or springing security interests

No

i. Estimated collateral requirements in the event of credit downgrade (below investment grade). Provide minimum, maximum and average information for the last 24 months.

There are no collateral requirements. Credit will always be available to PHI regardless of its credit rating, it will just be more expensive to borrow.

- 16) Demonstrate that consolidation under FIN 46 will not occur under your proposal. Provide supporting information sufficient to enable Delmarva to independently verify such conclusion.

Please see the attached conclusion of CESI.

- 17) Identify the primary financing sources for the construction phase of the project

Common Equity:

Preferred Equity:

Debt:

[REDACTED]

- 18) For financing in the construction stage, provide funding source (new equity, equity contribution from guarantor/parent, etc.). If equity contribution from parent, provide funding source at the parent level (cash in hand, debt, new equity).

Parent funding would be provided through a mixture of current cash on hand, existing credit facilities, and routine equity issuance. Alternatively, CESI may utilize project financing which would result in the higher debt level.

Form O - Financial Information

- 19) Identify the primary financing sources for the permanent financing of the project

Common Equity:

Preferred Equity:

Debt:

- 20) For the permanent financing, provide funding source (new equity, equity contribution from guarantor/parent, etc.). If equity contribution from parent, provide funding source at the parent level (cash in hand, debt, new equity).

Parent funding would be provided through a mixture of current cash on hand, existing credit facilities, and routine equity issuance. Alternatively, CESI may utilize project financing which would result in the higher debt level.

- 21) Attach pro-forma construction and operations worksheets in MS Excel format with formulas intact. Provide the balance sheet, income statement, and statement of cash flows for the life of the project.

Please see the attached pro-forma.

- 22) Provide a discussion of how this project and its financing may affect the credit metrics and credit ratings of the Bidder and/or its Parent / Credit Guarantor.

Given the level of funding required, we expect no material impact on the credit metrics or ratings of either PHI or its affiliates.

- 23) Provide a statement demonstrating reasonable ability to finance the proposed facility based on past experience. Include a financial plan identifying approach to obtaining capital from the sources identified above including a letter from a financial institution stating that the project as proposed in this RFP is financeable.

No outside sources of funding are anticipated at this time. PHI and CESI have a long history of successfully funding large-scale generation projects such as Hay Road and Bethlehem.

Form O - Financial Information

- 24) Identify and describe the source of required security at each stage of the project's life and provide plan for posting it. Include a demonstration of the ability to post the security.

The required security will be provided through a parent guarantee from PHI. Please see the response to question 15 above to demonstrate the ability of PHI.

FORM O- QUESTION 12
ATTACHMENT I

Provide rating reports from the respective agencies for prior 36 months.

- **S&P Rating Agency Reports for 2004, 2005, and 2006**

FORM O- QUESTION 12
ATTACHMENT I

Provide rating reports from the respective agencies for prior 36 months.

- **S&P Rating Agency Reports for 2004**

STANDARD
RATING

RATINGS DIRECT

FORM O- QUESTION 12
ATTACHMENT I

Provide rating reports from the respective agencies for prior 36 months.

- **S&P Rating Agency Reports for 2005**

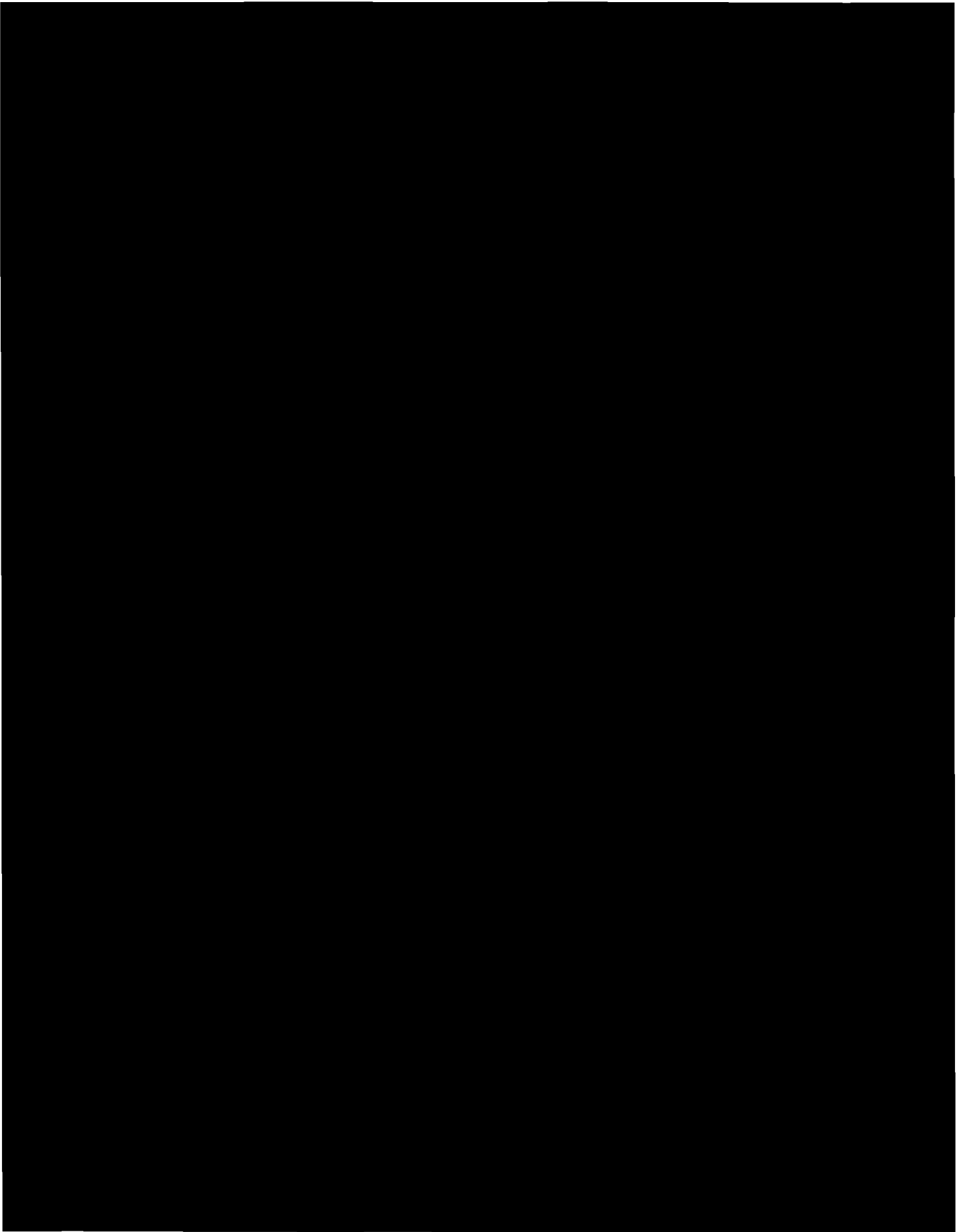
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& POOR'S

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FORM O- QUESTION 12
ATTACHMENT I

Provide rating reports from the respective agencies for prior 36 months.

- **S&P Rating Agency Reports for 2006**



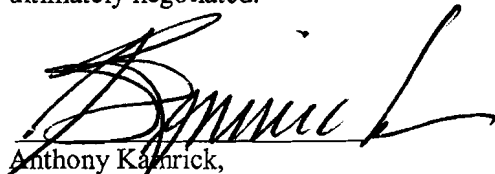
FORM O- QUESTION 13
ATTACHMENT II

Provide a statement regarding the proposed guarantor's willingness to provide guarantee.

Response to Question on Form O-Financial Information, Delmarva Power Generation
and Power Purchase Agreement RFP, attachment 2 Bidder Response Form

Question 13. Provide a statement regarding the proposed guarantor's willingness to
provide guarantee acceptable to DPL.

PHI has been identified as the proposed guarantor of the security requirements required
under the proposed Power Purchase agreement between Conectiv Energy and DPL. PHI
would be willing to provide required amounts of guarantees assuming the final form of
the guarantee and the associated Power Purchase Agreement were acceptable to both
Conectiv Energy and PHI. The guarantee will be for a certain defined amount which will
vary depending on the size of the project and related Power Purchase Agreement which is
ultimately negotiated.

A handwritten signature in black ink, appearing to read "Anthony Kamrick", written over a horizontal line.

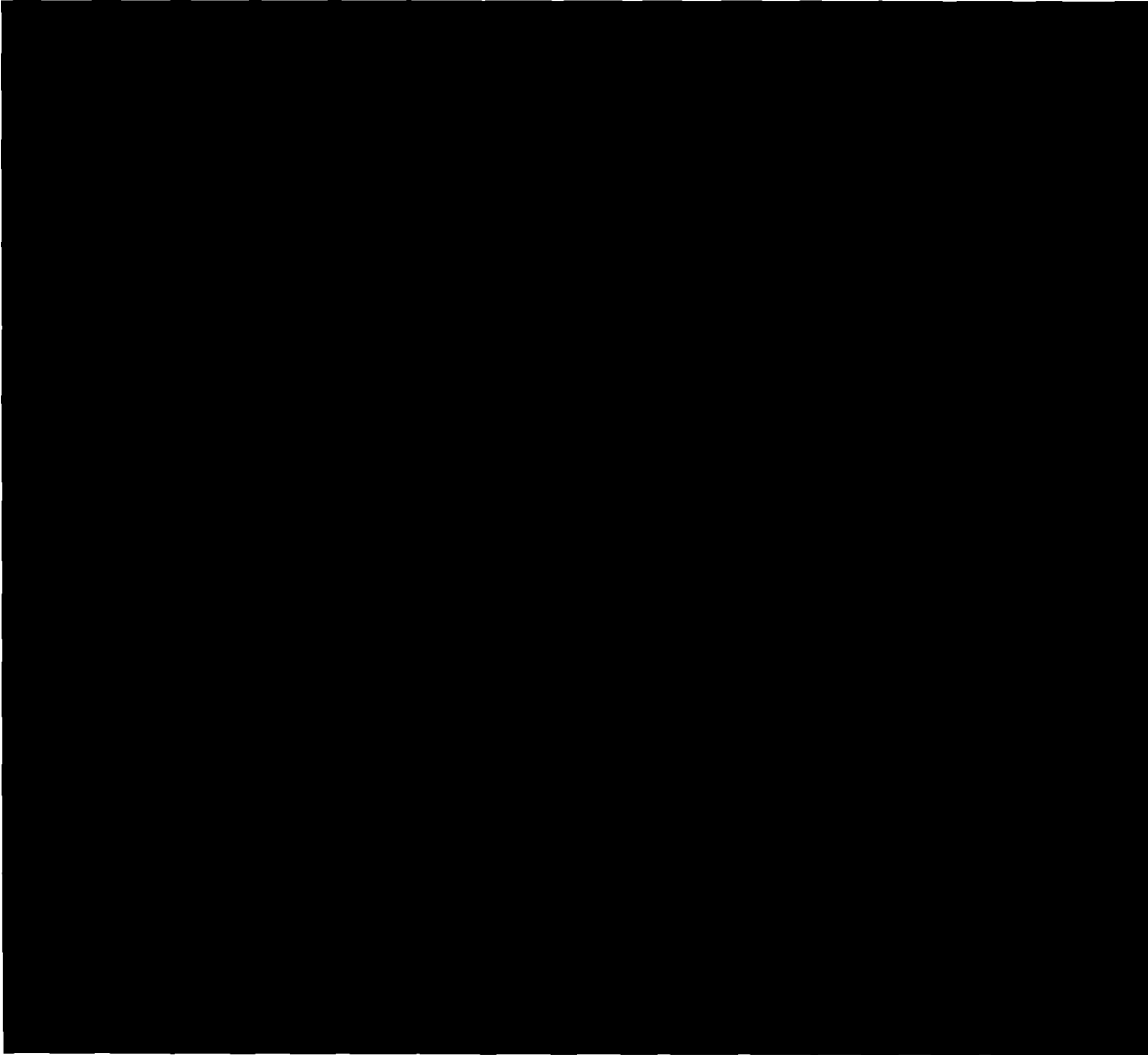
Anthony Kamrick,
Vice President and Treasurer
Pepco Holdings, Inc.

FORM O - ATTACHMENT III

Response to Question 15d

What is the current availability and usage under the liquidity / credit line, provide historical, minimum, maximum, and average for the last 24 months.

FORM O – QUESTION 15d
ATTACHMENT III



FORM O - ATTACHMENT IV

Response to Question 16

CESI's Conclusion on FIN 46

FIN 46(R) Evaluation of Delaware RFP

[REDACTED]

[illegible]

(b) (7)(C), (b) (7)(D)

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TABS	TITLE
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II.	BASE BID PROPOSAL – Application Forms
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p.	Form P – Complete with Attachments
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Form P - Project Management

Bidders are required to demonstrate project experience and management capability to successfully develop and operate the Facility as proposed. Company is particularly interested in a project team which has demonstrated success in Projects of a similar nature, type, size and technology and can demonstrate an ability to effectively work together and for greenfield projects to bring the Facility to COD.

- 1) Provide an organizational chart for the Facility that lists the participants and consultants and identifies the management structure and responsibilities.

Response: See Attachment Marked Form P / Item 1 - Facility Organization Chart

- 2) For each of the participants (i.e., project developer, A/E firm, EPC firm, fuel supplier, environmental staff or consulting firm, legal services, etc.) provide brief experience statements which lists the specific experience of the firm, other projects of similar nature, type, size and technology, and any evidence that the participants have worked jointly on other projects.

Response: See Attachment Marked Form P / Question 2

- 3) Provide a management chart that lists the key management personnel, title, lines of responsibility and reporting requirements for the Facility project team.

Response: See Attachment Marked Form P / Item 3 Corporate Reporting

- 4) Provide the resumes of the important project management and key support staff dedicated to the Facility.

Response: See Attachment Marked Form P / Question 4

- 5) Provide documentation regarding the contractual relationship between the project sponsor and all additional participants or vendors. Indicate the status of any arrangements between the Bidder and vendors.

Response: See Attachment Marked Form P / Question 5

- 6) Provide a listing of all similar projects the Bidder has successfully developed. Provide the following information as part of the response:

- Name of the project
- Location of the project
- Project type, size and technology
- Purchasing utility
- Schedule and actual commercial operation date
- Whether the unit is dispatchable or must-run
- Capacity factor of the unit for its entire term of operation
- Availability factor of the unit for its entire term of operation
- Sponsor's role in the project
- Identify any environmental violations

Response: See Attachment Marked Form P / Question 6

- 7) Provide copies of report material related to safety of operations including reports on reportable injuries, instances of accidents, injuries, or fatalities, lost workday injuries, loss of operations due to safety issues, etc. at facilities currently owned or maintained by the Bidder.

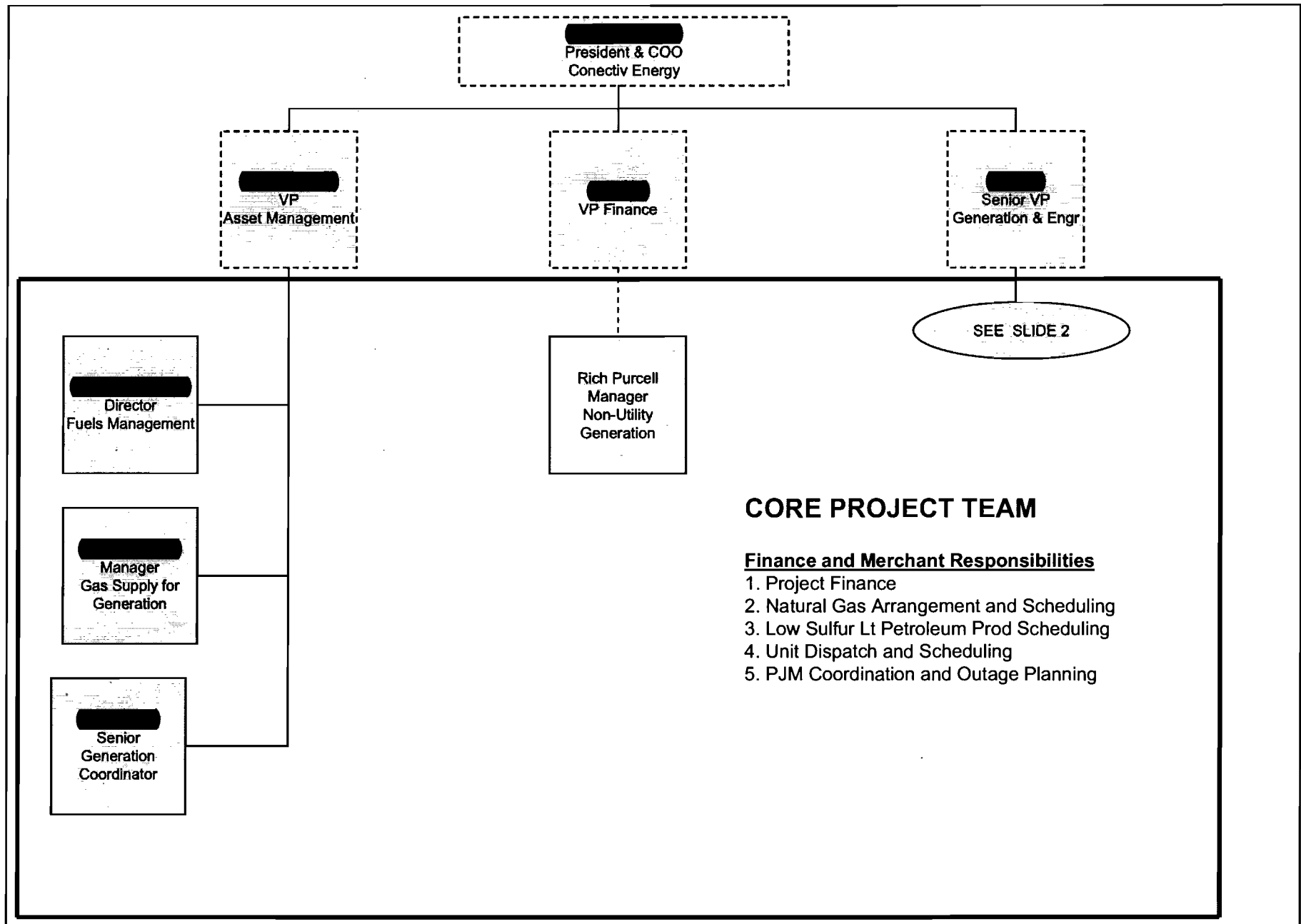
Response: See Attachment Marked Form P / Question 7

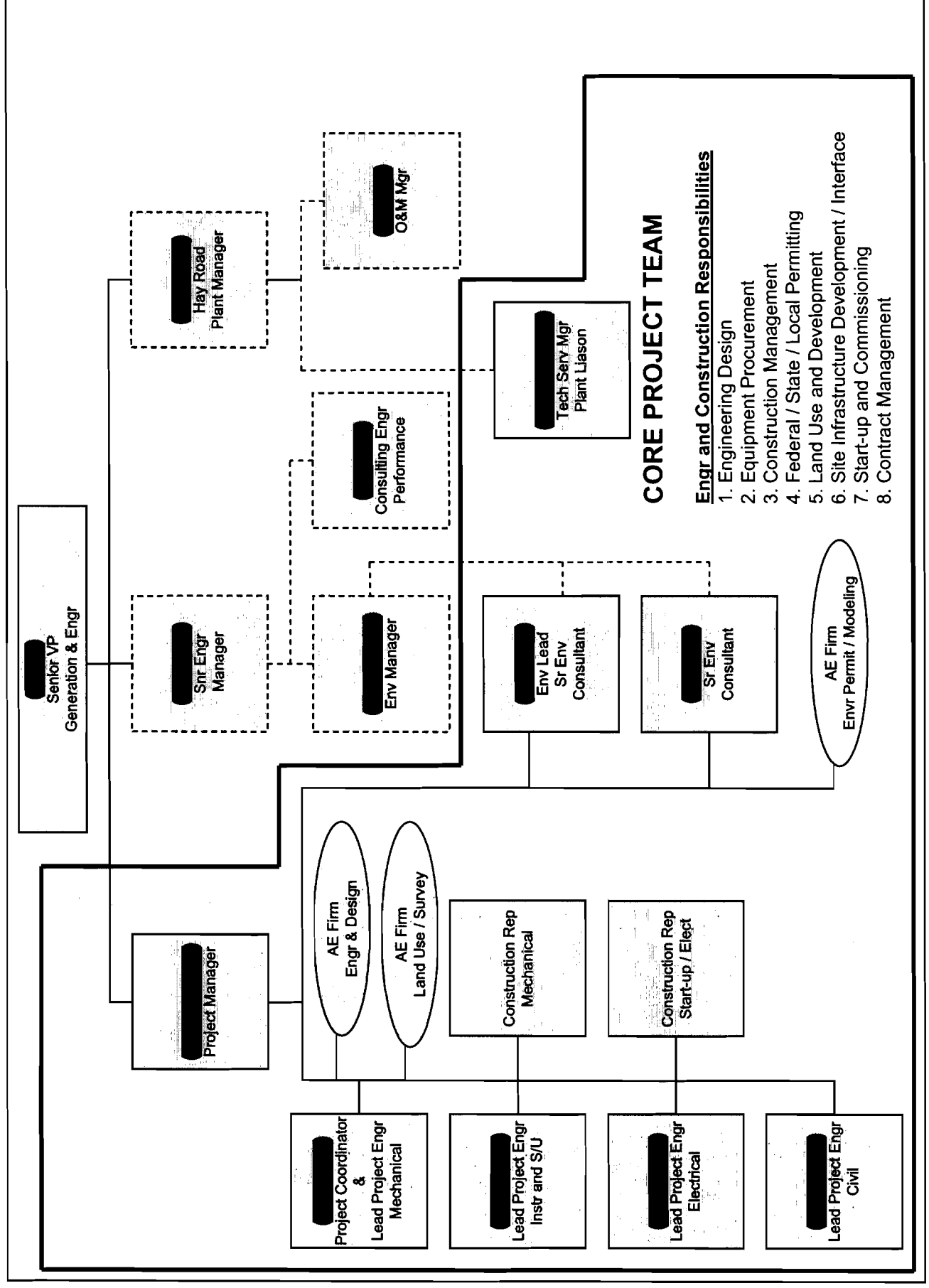
Form P - Project Management

- 8) Describe Bidder's commitment to safety of operations including any operating practices designed to encourage safety commitments (such as bonus programs related to safety performance).

Conectiv Energy is committed to Safety! Safe operation and working practices are part of every activity at each of the sites. All sites include the following mandated activities:

1. Monthly Safety Meetings covering as a minimum, mandatory OSHA topic, critical safety issues at the facilities, best practices, and open forums to address concerns.
2. Tail Gates / Pre-Job conferences – depending on the severity of the job could be anything from a tool box discussion or an expanded multi-craft and multi-departmental meeting to review hazards and implement best working practices.
3. Job Safety Analysis Reviews and Audits – every management employee is required to audit, at a minimum, one job in progress for all elements of safety.
4. Serious Incident Review Committee – All injuries or near misses that result in discipline are reviewed by the committee, not for punitive purposes, but for educational purposes. The findings from each review are published throughout the organization and reviewed at daily tail gates and SAC meetings.
5. Accident Investigations / Communication of events immediately following an injury at any site. Information used at daily tail gates and each department SAC meeting.
6. Milestone Celebrations – each facility has celebrations and issues safety awards for major milestones for annual anniversaries for Lost time and Recordable Injuries.
7. All Management Employees have key Safety performance matrices in the individual goals and bonus plans to reinforce the value of safe performance.
8. All exempt employees have Quarterly bonus plan of up to 0.5% of the base salary, 2% per year, for not experiencing a lost time or recordable injury.
9. OSHA compliant LOTO program at each facility.
10. Safety Statistics are published weekly and monthly in Conectiv Energy Publications for all to adopt lessons learned from each event.





FORM P – QUESTION NO. 2

For each of the participants (i.e., project developer, A/E firm, EPC firm, fuel supplier, environmental staff or consulting firm, legal services, etc.) provide brief experience statements which lists the specific experience of the firm, other projects of similar nature, type, size and technology, and any evidence that the participants have worked jointly on other projects.

If Conectiv Energy is the successful bidder, project development, permitting, equipment procurement, construction management, and start-up and commissioning will be executed utilizing in house personnel. Conectiv has proven, after various reviews, that self managed projects result in lower project costs, reduced long term maintenance costs, and improved plant efficiency and reliability. Furthermore, better schedule and project control is maintained.

Once the award is made, Conectiv Energy will enter into commercial relationships with an Architectural Engineering firm and an Environmental firm to perform detailed engineering. Conceptual designs and plant layouts have already been completed in house.

As detailed in Question No. 6 below, Conectiv has recent development experience and has retained a substantial number of the project technical and environmental team members that successfully permitted, installed, and commissioned 1650 MW of capacity and energy in the last five (5) years using the same technology. The contractors and firms who participated in these projects are still viable entities and will be used where cost and schedule permit.

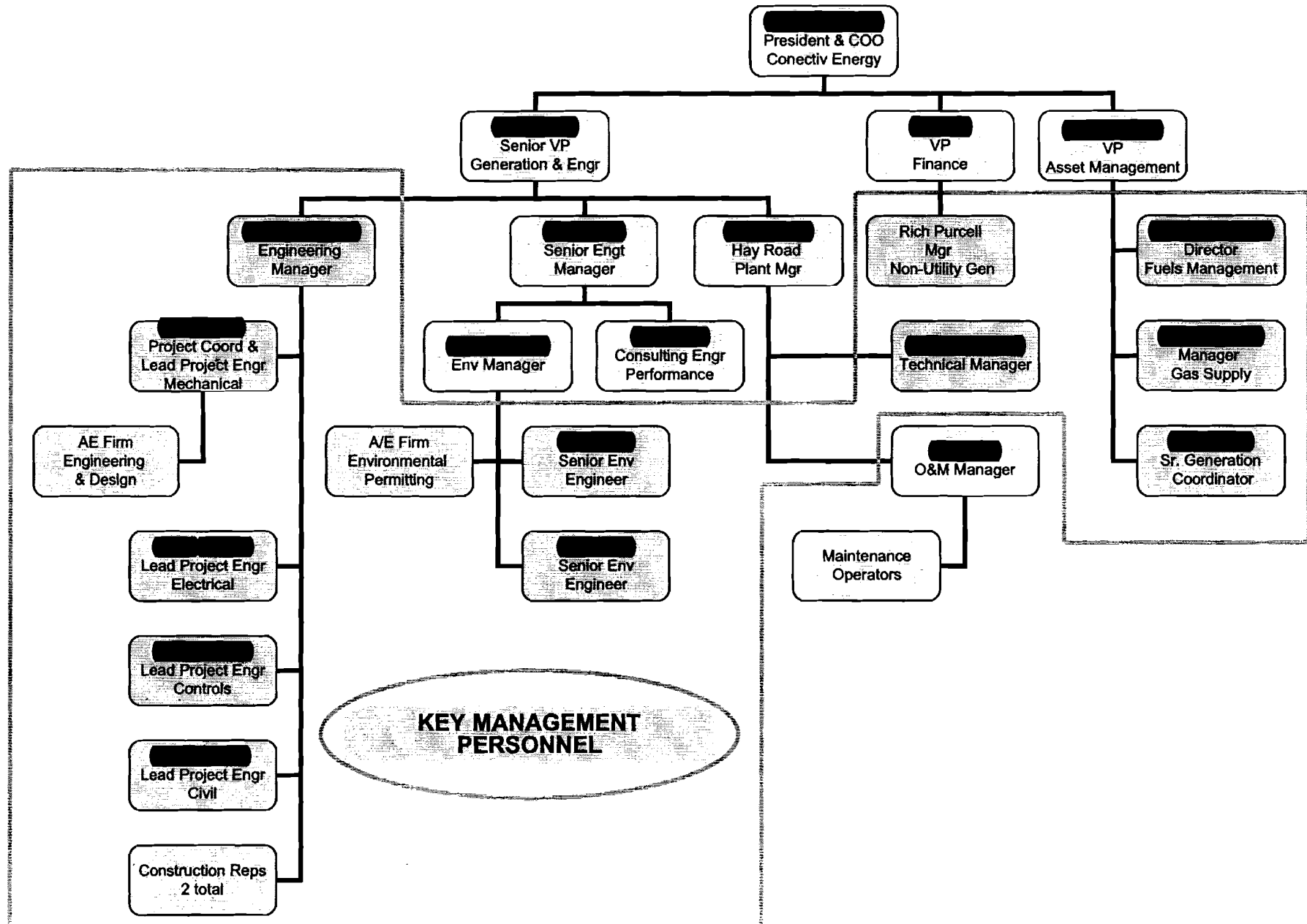
At this time, with project and schedule uncertainties, the actual participants are not known. If successful, the names of all of the prime contractors will be shared at the time of the individual contract award.

Fuel supply to the project will be managed using the Conectiv Energy merchant desk. Conectiv Energy manages and operates a portfolio of more than 3600 MW of generation including base load units, combined cycle / mid-merit load units, and peak load units. This portfolio, which includes more than 2000 MW of dual fuel combined cycle power, has been successfully managed for more than ten (10) years.

For natural gas, the plant will be served by a dedicated gas pipeline that connects to three (3) natural gas pipe line companies; TETCO, Transco, and Columbia Gas. The three pipe lines offer supply sources ranging from Texas to the Gulf of Mexico, US Mid-continent, and the Appalachian supply areas. Conectiv Energy has multiple long standing commercial arrangements with each of these entities to serve this project and the existing 1100 MW installed at the Hay Road Power Complex.

For low sulfur light petroleum products, deliveries to the site will be by barge from either the Baltimore, Philadelphia, or New York markets, as is currently done, and will be stored on site using the existing 10,000,000 gallons of storage.

FORM P / ITEM 3: PROJECT TEAM – CORPORATE REPORTING REQUIREMENT



FORM P – QUESTION NO. 4

Provide the resumes of the important project management and key support staff dedicated to the Facility.

Resumes and detailed work history of key project management and key support staff will be provided, if required, during the final award process.

FORM P – QUESTION NO. 5

Provide documentation regarding the contractual relationship between the project sponsor and all additional participants or vendors. Indicate the status of any arrangements between the Bidder and vendors.

Conectiv Energy intends to develop this project, lead the permitting efforts, specify and procure the equipment, manage construction, and start-up and commission the units using in house staff. Historically Conectiv Energy has been very successful managing projects using this format going back to the late 1980's with the installation of the simple cycle Combustion Turbines at Hay Road, the conversion to Combined Cycle in 1993, the development and commercial operation of Hay Road Units 5 – 8 in 2001 & 2002, Bethlehem Units 1 - 4 in 2002 & 2003, and Bethlehem Units 5 – 8 in 2003.

Contracted efforts will include detailed engineering, permit and air modeling, equipment fabrication and manufacturing, and equipment installation. Upon successful award of this project, contracts will be awarded for the detailed engineering and permitting efforts. With the extended permit processing, equipment procurement and installation contracts will not be released until 2008. Using this strategy, Conectiv Energy is still forecasting Commercial Operation in 2011, years before the required end date.

All of the vendors, suppliers, and contractors planned to be utilized on this project have history with Conectiv Energy through the prior development projects and/or through maintenance activities at the existing generation facilities. Although currently there are limited activities, documentation can be provided upon request for prior commercial relationships. During the project development phases, Conectiv Energy will provide the information as the contract arrangements are consummated.

FORM P- QUESTION 6

Provide a listing of all similar projects the Bidder has successfully developed. Provide the following information as part of the response:

TABLE I - SUMMARY TABLE	PROJECT NO. 1	PROJECT NO. 2	PROJECT NO. 3
NAME OF THE PROJECT	HAY ROAD 5 -8	Bethlehem 1 - 4	Bethlehem 5 - 8
LOCATION OF PROJECT	Wilmington, DE	Bethlehem, PA	Bethlehem, PA
PROJECT TYPE	Combined Cycle	Combined Cycle	Combined Cycle
PROJECT SIZE	550 MW	550 MW	550 MW
PROJECT TECHNOLOGY	E - technology	E-technology	E-technology
PURCHASING UTILITY	Delmarva Power	PPL	PPL
SCHEDULE AND ACTUAL CO DATES	See Table II Below	See Table III Below	See Table IV Below
DISPATCHABLE / MUST RUN	Dispatchable	Dispatchable	Dispatchable
LIFE TIME CAPACITY FACTOR	██████	██████%	██████%
AVAILABILITY FACTOR	██████%	██████%	██████%
SPONSER'S ROLE IN PROJECT	Owner / Constructor	Owner / Constructor	Owner / Constructor
ENV VIOLATIONS - CONSTRUCTION	None	None	None

TABLE II: HR 5 - 8 SCHED VS. ACTUAL COMMERCIAL OPS DATES

	PROJECT MILESTONES	ACTUAL DECLARED DATE	NOMINAL RATING
CT NO. 5 - SIMPLE CYCLE	01-May-01	01-May-01	120
CT NO. 6 - SIMPLE CYCLE	15-Jun-01	07-Jun-01	120
CT NO. 7 - SIMPLE CYCLE	15-Jul-01	15-Jul-01	120
STG NO 8 / COMBINED CYCLE	01-May-02	01-May-02	185

TABLE III: BETH 1- 4 SCHEDULED VS. ACTUAL COMMERCIAL OPS DATES

	PROJECT MILESTONES	ACTUAL DECLARED DATE	NOMINAL RATING
CT NO. 1 - SIMPLE CYCLE	01-Dec-02	01-Dec-02	120
CT NO. 2 - SIMPLE CYCLE	15-Dec-02	15-Dec-02	120
CT NO. 3 - SIMPLE CYCLE	31-Dec-02	31-Dec-02	120
STG NO 4 / COMBINED CYCLE	01-Jun-03	01-Jun-03	185

TABLE IV: BETH 5 - 8 SCHEDULED VS. ACTUAL COMMERCIAL OPS DATES

	PROJECT MILESTONES	ACTUAL DECLARED DATE	NOMINAL RATING
CT NO. 5 - SIMPLE CYCLE	15-Jan-03	15-Jan-03	120
CT NO. 6 - SIMPLE CYCLE	15-Feb-03	15-Feb-03	120
CT NO. 7 - SIMPLE CYCLE	15-Mar-03	15-Mar-03	120
STG NO 8 / COMBINED CYCLE	15-Dec-03	15-Dec-03	185

FORM P – QUESTION NO. 7

Provide copies of report material related to safety of operations including reports on reportable injuries, instances of accidents, injuries, or fatalities, lost workday injuries, loss of operations due to safety issues, etc. at facilities currently owned or maintained by the Bidder.

The Safety performance summaries for the years 1998 through November 1, 2006 for all units Owned or Operated and Maintained are included in the tables below. Table No. 1 shows the Recordable Injuries and the OSHA rates for each of the referenced years. Table No. 2 shows the types of injuries that were experienced in the last three (3) years.

TABLE NO. 1:

GENERATION / ENERGY SAFETY PERFORMANCE HISTORY 1998 - 2006

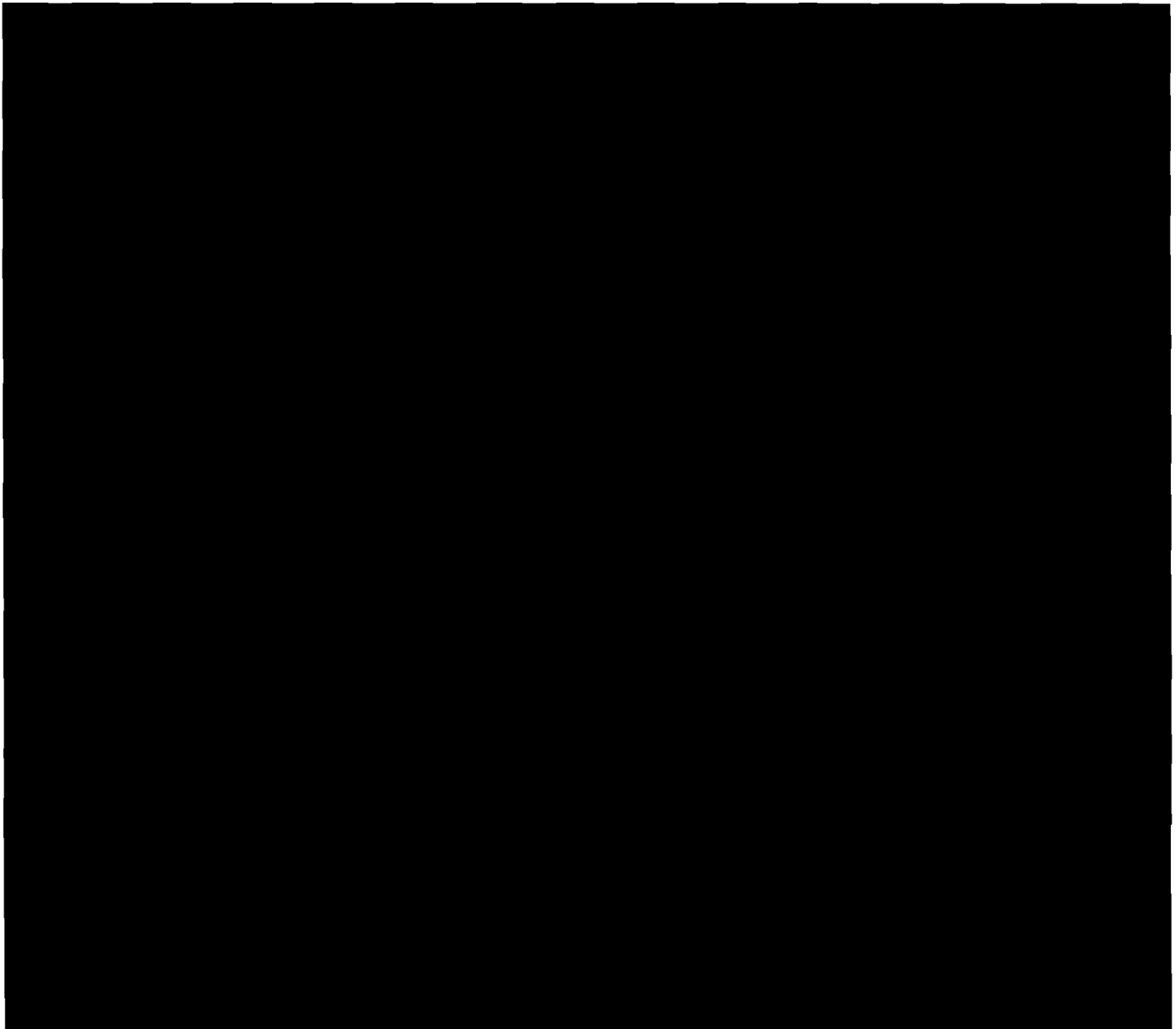


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TABS	TITLE
II.	BASE BID PROPOSAL – Application Forms
q.	Form Q – Complete with Attachments

Form Q - O&M Plan

Operations and maintenance (O&M) is an important element of successful Facility operations. Bidders should demonstrate that the Facility's maintenance plan, level of funding and mechanism for funding will ensure reliable operation.

- 1) Provide a detailed operation and maintenance plan for the Facility that contains the following information:
 - a. Description of the O&M funding and funding level;
See Attachment Marked Form Q / Question 1 / Sub-Section (a)
 - b. The basis for selecting the funding mechanism.
See Attachment Marked Form Q / Question 1 / Sub-Section (b)
 - c. The O&M staffing levels expected for the Facility, including the on-site staffing levels and other resources available during a forced outage;
See Attachment Marked Form Q / Question 1 / Sub-Section (c)
 - d. The expected role of the Bidder or outside contractors in providing maintenance services;
See Attachment Marked Form Q / Question 1 / Sub-Section (d)
 - e. Plans for staffing the Facility, including the delegation of environmental compliance responsibilities;
See Attachment Marked Form Q / Question 1 / Sub-Section (e)
 - f. Detailed plans for maintenance on the major pieces of equipment, including the frequency of preventative maintenance.
See Attachment Marked Form Q / Question 1 / Sub-Section (f)
 - g. Description of any operational guarantees to be in place at the facility.
See Attachment Marked Form Q / Question 1 / Sub-Section (g)

- 2) Describe the status of the Bidder in securing any maintenance agreements or contracts. Indicate the preferred provider and if available, provide copies of the agreements or contracts.

The new generation project will be operated and maintained via a separate
O&M agreement with the existing Hay Road Site Contractor, Conectiv Delmarva
Generation or some other Conectiv Energy entity. No agreements are in place
at this time.

- 3) Indicate the expected annual fixed O&M cost in \$/kWyear and annual average non-fuel variable O&M operating costs in \$/MWh. This data may be used to support the computer simulation exercise in the Detailed Evaluation.

The Variable O&M (VOM), which excludes fuel & emission costs, is based on a
[REDACTED] and is included in the Energy price.
The fixed O&M in Year 1 of the contract term is [REDACTED] and is included in the
Capacity price.

1. Provide a detailed operation and maintenance plan for the Facility that contains the following information:

a. Description of the O&M funding and funding level;

The anticipated O&M funding level is based on historical data base developed for fixed and variable operating and maintenance. Fixed costs will be shared across the additional MW with minimum staff impacts. Variable costs were estimated to be on a Capacity Factor of [REDACTED] on an "Equivalent Operating Hour" basis with a fixed multiplier for each start. The total number of start/stops for the facility is estimated to be 250 per year.

b. The basis for selecting the funding mechanism.

As indicated in Question a, the basis is the historical data base that has been developed for the Hay Road Power complex from replicated equipment.

c. The O&M staffing levels expected for the Facility, including the on-site staffing levels and other resources available during a forced outage;

The existing Hay Road facility utilizes a 24-hour/7-day rotating operating staff that is responsible for both plant maintenance and operations. This staff consists of [REDACTED] shifts to cover operation of the units and perform routine maintenance, [REDACTED]

[REDACTED] Final staffing evaluations have not been completed, but with small incremental change in operational requirements, the effects to the existing staff will be minimal.

[REDACTED]

d. The expected role of the Bidder or outside contractors in providing maintenance services;

The Bidder, CESI, will be purchasing the output of the Project for resale to DPL

[REDACTED]

[REDACTED] The Project will be owned, operated and maintained by an affiliate of the Bidder, either Conectiv Delmarva Generation, Inc. (the owner of Hay Road 1-8 also referred to as "CDG") or another Conectiv Energy Holding Company subsidiary. Either CDG or the other affiliated owner of the Project will perform routine and preventative maintenance will be performed using the existing plant staff. Annual maintenance and major maintenance will be performed by qualified contractors under competitively bid work packages. Where required, OEM Technical Field Advisors will be required to supplement the plant engineering staff.

- e. **Plans for staffing the Facility, including the delegation of environmental compliance responsibilities;** _____

The current plant staff which includes all

- f. Detailed plans for maintenance on the major pieces of equipment, including the frequency of preventative maintenance.**

Major maintenance will be performed in accordance with recommendations from original equipment manufacturers and the historical profile of the same or similar equipment currently operating at Hay Road. [REDACTED]

[REDACTED] Routine maintenance will be performed in accordance with recommendations from original equipment manufacturers and the historical profile of the same or similar equipment.

- g. Description of any operational guarantees to be in place at the facility.**

All new equipment will be contracted to include performance guarantees and warranties for sustained performance. These guarantees will be full enforceable utilizing commercial terms. Final details will be made available as Contracts are awarded.

THIS SECTION IS CONFIDENTIAL

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TABS

TITLE

II. BASE BID PROPOSAL – Application Forms

r. Form R – Complete with Attachments

Form R - PPA Pricing

As indicated in the RFP, bidders are required to provide pricing schedules for capacity and energy (including ancillary services) under the proposed PPA. In addition to pricing schedules, bidders should provide a narrative discussion of the proposed pricing schedule including fixed and variable pricing. If formulaic pricing options are included, DPL request bidders to provide a sample of the calculation including a description of the components.

Separate forms must be submitted for any pricing alternatives, including pricing options tied to a general inflation index, alternate in-service year options, or of the volumetric differences.

Pricing and Volume Schedules

Capacity

- Pricing schedules for capacity should reflect either (a) a levelized fixed payment in \$/kWmonth over the life of the contract or (b) a combination of fixed and indexed payments (indices will be subject to the limits set forth in the RFP).
- Pricing schedule should indicate proposed contract volume.
- Volume should be tied to the net summer capacity rating of the generation project; for intermittent renewable energy projects UCAP should be used.

Energy

All pricing must be provided in terms of current year dollars, also referred to as nominal or escalated dollars. Bidders may propose prices that are either fixed for the term, escalate at a known (non-indexed) rate or subject to escalation tied to an index that is clearly and closely related to the item being escalated.

- Provide a discussion the proposed energy pricing schedule including fixed and variable pricing.
- If using indexed pricing, provide the index (e.g. Henry Hub).
- If prices are escalated, provide the escalation basis (e.g. fixed percentage, CPI, PPI, GDP Deflator).
- All indices or escalators relied on in the price proposal must be described in sufficient detail to allow for easy identification of the item. Only indices and escalators available through public sources will be acceptable for purposes of the PPA.
- If using caps or collars, levels should be clearly specified.

Ancillary Services

- Bidders should specify the ancillary services that the Facility is capable of providing and the level of availability for each product and whether compensation is included in the capacity payments or bidder is proposing separate pricing.

Form R - PPA Pricing

Renewable Energy Certificates

- Bidders of renewable projects should specify the RECs that the facility can provide based on its expected annual output and the RECs proposed to be sold to Delmarva and the associated price.

FORM R - PPA Pricing Schedules

[REDACTED]

[REDACTED]

[REDACTED]

PRIVILEGED AND CONFIDENTIAL

• [REDACTED]

• [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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TABS	TITLE
III.	BASE BID EXCEPTIONS AND CLARIFICATIONS

• [REDACTED]

• [REDACTED]

• [REDACTED]

• [REDACTED]

• [REDACTED]

• [REDACTED]

• [REDACTED]

• [REDACTED]

• [REDACTED]

• [REDACTED]

• [REDACTED]

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TABS	TITLE
IV.	ALTERNATE PROPOSAL
	a. Form R
	b. PPA Pricing – Asset Backed PPA

Form R - PPA Pricing

[REDACTED]

[REDACTED]

[REDACTED]

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TABS	TITLE
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V.	ALTERNATE BID EXCEPTIONS AND CLARIFICATIONS
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A PHI Company

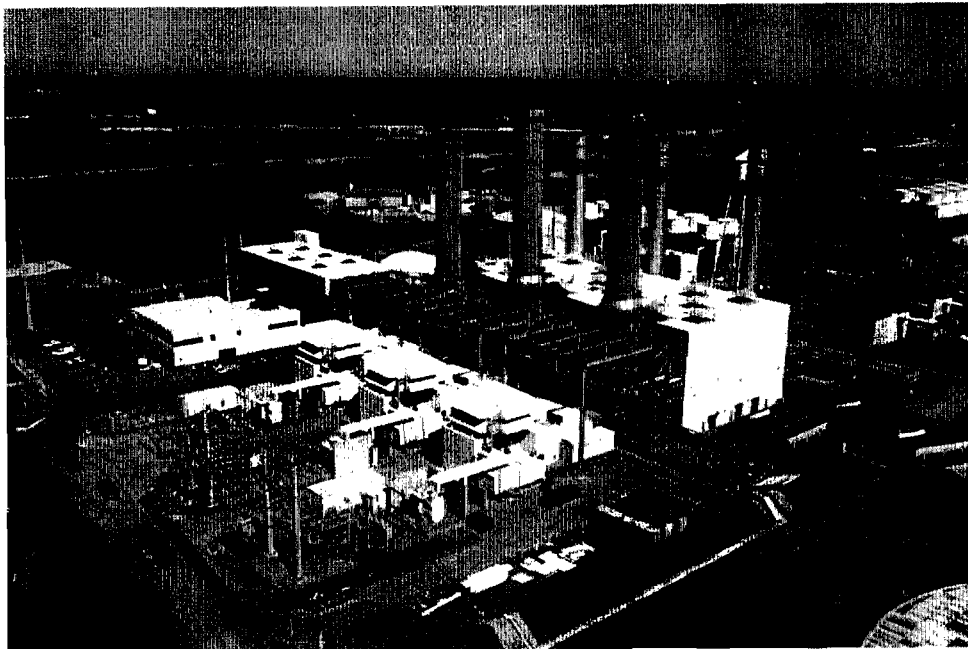


A New Generation of Energy

Proposal Q&A Response to:

Delmarva Power Delaware Public Service Commission
ICF International New Energy Opportunities

**In Response to DPL's transmittal dated December 29, 2006 on
Conectiv Energy's Proposal Submittal
for New Generation Resources**



Submitted electronically by:
Conectiv Energy Supply, Inc.
January 4th, 2007



A New Generation of Energy

January 4, 2007

Mr. Mark Finfrock
Delmarva Power & Light
800 King Street
Wilmington, DE 19801

Sent by e-mail to Mark.finfrock@pepcoholdings.com, Dpl.rfp@icfi.com,
Robert.howatt@state.de.us, and bjs@newenergyopps.com

Dear Mr. Finfrock:

I am pleased to enclose Conectiv Energy Supply, Inc.'s ("CESI's") Response to Questions Dated December 29, 2006 (the "Response"). While most of the questions sought relatively simple clarifications to CESI's December 21, 2006 proposal to provide New Generation ("Proposal"), several revealed either a potential misunderstanding of the Proposal or a possibility that CESI might be considered to be unresponsive to the RFP in one or more respects. In light of the above, CESI wishes to highlight the following with respect to the enclosed:

1. [REDACTED]
2. CESI does not intend for there to be a maximum annual capacity factor of [REDACTED] percent. As indicated in response to Question No. 13, CESI intends to obtain permits which provide Delmarva the maximum possible flexibility for dispatch of the Unit. CESI anticipates that Delmarva will choose lesser cost options during most off-peak hours and, therefore, used a nominal [REDACTED] percent capacity factor to reflect an estimate of Delmarva's projected use of the Project.
3. As indicated in response to Question No. 36, red-lined changes to the standard form of the PPA for the Base Offer and the Alternative Offer are provided as Attachments X and XI to the Response.
4. [REDACTED]

P.O. Box 6066
Newark, DE 19714-6066

Mr. Mark Finfrock
January 4, 2007
Page 2 of 2

5. While CESI's Proposal used sample output numbers of 152 MW and 177 MW for the Base and Peak periods of operation, as indicated in response to Item 7 of Question 32 and elsewhere in the Response, the actual output will vary depending upon ambient temperatures.

If you have any additional questions with regard to the Proposal or this Response to Questions please feel free to contact Richard Purcell at (302) 451-5512 or rich.purcell@conectiv.com

Sincerely,

A handwritten signature in black ink, appearing to read 'Arturo E. Agra', is written over the printed name.

Arturo E. Agra
Vice-President
Conectiv Energy



A PHI Company



A New Generation of Energy

Proposal Q&A Response to:

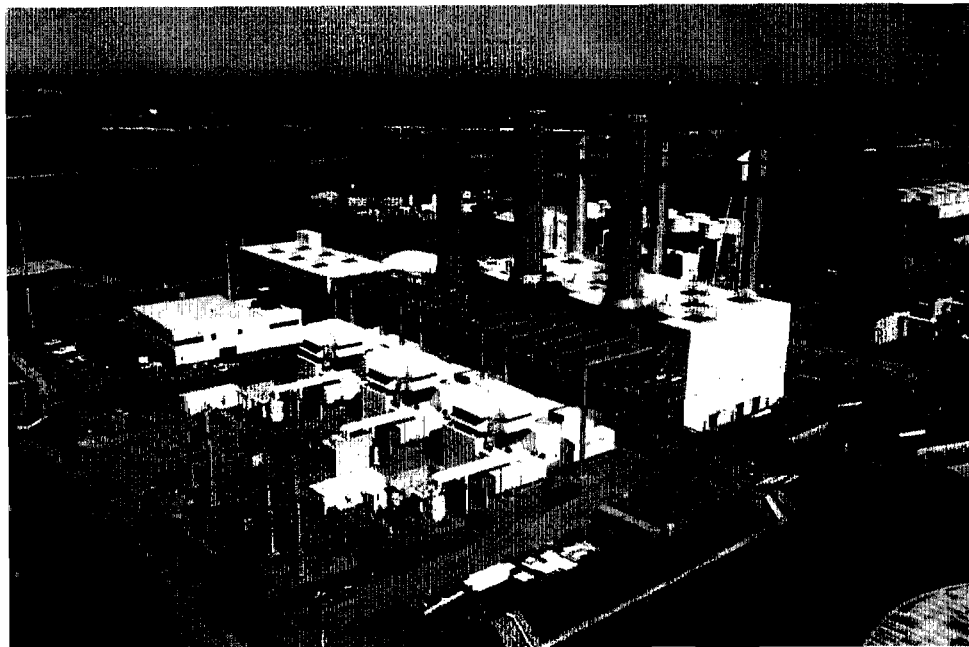
Delmarva Power

Delaware Public Service Commission

ICF International

New Energy Opportunities

**In Response to DPL's transmittal dated December 29, 2006 on
Conectiv Energy's Proposal Submittal
for New Generation Resources**



Submitted electronically by:
Conectiv Energy Supply, Inc.
January 4th, 2007



A PHI Company

December 29, 2006

Richard Purcell
Conectiv Energy
500 N. Wakefield Drive
Newark, DE 19702

Sent by e-mail to rich.purcell@conectiv.com and krish.raju@conectiv.com

Dear Mr. Purcell:

Thank you for the proposal that you recently submitted to provide capacity and energy to Delmarva Power & Light (Delmarva). With this letter, Delmarva requests your response to a number of questions detailed in the attachment that will assist in the consideration of your proposal. These questions are based on the reviews to date of your proposal by Delmarva, the public agencies in Delaware, and our consultants. Please provide your response to these questions on or before Thursday, January 4, 2007. Please send your responses electronically to:

Mark Finfrock
Delmarva Power & Light
Mark.finfrock@pepcoholdings.com

Robert Howatt
Delaware Public Service Commission
Robert.howatt@state.de.us

ICF International
Dpl_rfp@icfi.com

Barry Sheingold
New Energy Opportunities
bjs@newenergyopps.com

Best wishes for the holidays, and thank you for your cooperation in this matter.

Sincerely,

Mark Finfrock
Delmarva Power & Light

Cc: Anthony Wilson, Associate General Counsel
PHI - Delmarva

QUESTIONS FOR CONECTIV – December 29, 2006

1	Cover Letter, P. 3	<p>Conectiv indicates that it is offering an option for a five-year extension of the PPA that is available in years five through eight (for both the Base Offer and the Alternative Offer).</p> <ol style="list-style-type: none"> 1. Is this a firm option that is offered to Delmarva as part of your proposal, which may be exercised in contract years 5-8? If so, what are the applicable prices? Are the PPA terms and conditions the same as for the proposed 10-year term? 2. If this is not a firm option, please state the terms and conditions applicable to your proposal.
2	Form C, Summary and Form D, Q. 3, Forms E & F	Please explain why the net summer dependable rating is higher than the net winter dependable rating. Please explain why estimated UCAP is the same as the net summer dependable rating, despite an expected 2.5% annual forced outage rate. If the information provided is not correct, please provide corrected information.
3	Form D, Q. 6	Please provide additional information on performance guarantees. Conectiv indicates that such guarantees “will be provided.” Also, please clarify how the target equivalent availability factor would be determined under Conectiv’s Alternate Proposal.
4	Form D, Facility	Please explain the incremental heat rate provided at 100% loading and how this value differs from the average heat rate at the same loading.
5	Form D, Facility	Please provide the anticipated efficiency performance adjustment expected at local ambient conditions rather than ISO conditions.
6	Form F	Please identify whether the amount of “dispatchable capacity” would change if Delmarva exercises the option to extend the PPA contract to 15 years.
7	Form G, Q. 7	Please provide specifics of the intended fuel transportation arrangements for this project, in addition to the general Conectiv experience described.
8	Form G, Q. 9	Please provide more detail on pipeline transportation costs for gas delivered to this project, as opposed to Conectiv’s reference to general pricing information available from the pipeline’s web sites.
9	Form G, Q. 10	Please provide more detail on the intended sources of gas supply for this project in particular, and describe how these sources relate to the pricing offered for this project. Delmarva understands that Conectiv has relationships with and has purchased fuel in the past from TETCO, Transco and Columbia Gas. Also, please describe how Conectiv’s plan for gas supply would vary under the Alternate Proposal.
10	Form G, Q. 11	Please provide more information on the intended arrangements for gas supply, given that Conectiv will use an “appropriate portfolio.”
11	Form G, Q. 17	Please provide more information on the intended fuel supply strategy and criteria for this project to supplement the information

		provided on Conectiv's past experience.
12	Form G, Q. 24	Please explain why there would be no guaranteed minimum pressure.
13	Form H, Environmental Impact – Air Emissions	Please confirm that the maximum annual dispatch (capacity factor) anticipated is 55 percent based on air permit requirements. If there is a seasonal variation in anticipated operating potential, please provide the seasonal dispatch potential as well.
14	Form I, Q. 3	The RFP requires that a "reasonable schedule for acquisition of all permits" be provided. Please provide such a permit-by-permit schedule for filing and receiving permits.
15	Form I, Q. 4	Conectiv indicates that environmental assessments are required for the Delaware Coastal Zone Program and New Castle County. Please identify any approvals or permits required from a federal agency that will trigger compliance with the National Environmental Policy Act. If there is a federal NEPA requirement, please identify whether the level of required analysis is expected to be an environmental assessment or an environmental impact statement.
16	Form I, Q. 5	Please provide more details on Conectiv's plans to obtain cooling tower makeup/condenser water from the hot-side of EMPP's existing cooling water discharge canal. On an average daily basis, please identify how much cooling water is currently withdrawn from and subsequently discharged back into the Delaware River to meet current needs, and explain how these daily figures would be modified by the proposal? Also, please indicate the expected change or improvement over the current discharge temperature.
17	Form I, Q. 7	As also requested in Form D, Q. 6 above, please provide more information on performance guarantees
18	Form J, Q. 2	Please provide more information on the specific approach that Conectiv would take to off-site hazardous waste transportation for this project.
19	Form K, Q. 3	The proposed site is near the Delaware River. Please identify whether it is located within either a 100-year or 500-year floodplain. If so, please provide the elevations and discuss the amount of any fill that may be required for flood proofing purposes.
20	Form K, Q. 4	Please provide the site surveys mentioned that show no impact on threatened and endangered species, as well as how determinations were made with regard to wetlands and cultural resources.
21	Form L, Q. 9, Attachment 1	The question requests a map showing the anticipated placement of all facilities at the site of the project. Conectiv is requested to provide a plot plan that identifies "any necessary rights-of-way, size, fuel supply route, fuel storage, cooling source, waste disposal, interconnection point, etc." Please identify all key facilities on the map provided or provide another map that does so.
22	Form L, Q.10 Attachment	The schedule shows licensing starting in March 2007 and engineering in April 2007. Please identify the latest date by which approval could be obtained and still enable the plant to be

		on line by June 2011.
23	Form O, Q. 21	Please provide a pro forma for the project, in Excel, with formulas. Conectiv's response indicates that a pro forma was attached, but one was not provided.
24	Form R, Pricing	Please confirm the location for the Gas Daily price used in the energy pricing formulas (e.g. Henry Hub).
25	Form R, Pricing	Please indicate whether or not the Peak Segment Dispatch price includes dispatch requests in the day-ahead and real-time markets. Please confirm this for both the Base and Alternate Bids proposed.
26	Form R, Pricing	Please confirm that the Energy Price for Off-peak Dispatch or Dispatch initiated after 4:30 pm in Base Mode applies to any real-time dispatch request as well as off-peak day ahead dispatch requests. Please confirm this for both the Base and Alternate Bids proposed.
27	Form R, Pricing	<p>Conectiv has proposed adjusting stated capacity and energy payments using a formula based on the percentage change in the "60 Month Average HH NYMEX Closing Price" from December 20, 2006 to the date after PPA execution and regulatory approvals.</p> <ol style="list-style-type: none"> 1. Please indicate how the "60 Month Average HH NYMEX Closing Price" is determined. Provide an illustrative example using the December 20, 2006 date. 2. Please describe the rationale for using a 5 year (60 month) term in the calculation. 3. Please identify a source from which the data for the "60 Month Average HH NYMEX Closing Price" can be obtained. If the data is not publicly available, please provide a historical series of the data as of the <i>third Wednesday</i> of each month over the past 5 to 10 years. 4. If the "60 Month Average HH NYMEX Closing Price" relies on monthly NYMEX futures price quotes for Henry Hub, please indicate on how the liquidity of the series, particularly for points greater than 2-3 years out, will be accounted for in the calculation. Given a decline in the liquidity of the extended series after 2-3 years, please explain the appropriateness of relying on a 5 year period. 5. Please indicate what Conectiv's proposed treatment of missing or not available data is should HH NYMEX price quotes not be available for the "60 Month Average HH NYMEX Closing Price". 6. Please describe in detail what is meant by the term "date after execution and all regulatory approvals are received for the contract". List applicable regulatory approvals and whether said approvals need to be beyond the point of appeal.
28	Form R, Pricing	<p>For the Base Mode of operation during on-peak hours, is the Energy Price after contract year 1, escalated based on (a) or (b) or (c) below as the base price (that is being adjusted):</p> <ul style="list-style-type: none"> • The 2012 energy price in Table 1, adjusted according to

		<p>the one-time adjustment for natural gas forward prices (HH), for each year;</p> <ul style="list-style-type: none"> • The energy price in Table 1 for the applicable year; or • Neither (please specify the correct method). <p>Provide a specific example showing how energy prices will be escalated and a written description of the methodology.</p>
29	Form R, Pricing	Please confirm whether minimum run blocks (time of capacity) would apply in the Alternate proposal and if so, describe the minimums required.
30	Form R, Pricing	Please provide a 5 year history for all indices used in the pricing formulas
31	Form R, Table 1	<p>PPA pricing in Conectiv's proposal shows energy prices escalating at 2.5% per year. It then describes a price adjustment for the output in Base Mode – peak hours, and prices for the output in Base Mode – off-peak hours for Peak Mode output. Base Mode is defined as output up to 152 MW and Peak Mode is defined as output of 152 to 177 MW.</p> <ul style="list-style-type: none"> ▪ Is the described adjustment made to the fixed but escalated amounts in Table 1? ▪ The adjusted energy price for the Base Mode – peak hours time period equals the energy price in Table 1 adjusted for changes in the NYMEX Henry Hub monthly average prices. After year one, the energy price escalates 50% at a Coal Broker's Index and 50% at GDP. Why did Conectiv choose these escalators for energy price adjustments for the energy price for a plant that burns natural gas?
32	Form R, Base Offer	<ol style="list-style-type: none"> 1. Please describe why the proposed price index using NYMEX Henry Hub gas prices is an acceptable method for calculating capacity prices. 2. Please describe how the proposed price index using NYMEX Henry Hub gas prices is associated with the cost of constructing or operating new generation capacity? 3. What is the Target Equivalent Availability Factor (guaranteed equivalent availability factor as defined in the standard form PPA)? 4. Please specify the ancillary services that the Facility is capable of providing and the level of availability for each product, including applicable operating limits. 5. Please provide specific formulas for the computation of the energy price for the base mode of operation. 6. Please confirm that the base period of operation is for weekdays from 8 a.m. through 11 p.m., excluding NERC holidays. 7. Please confirm that Delmarva has dispatch rights to the energy during the base period of operation for up to 152 MW, subject to day-ahead notice and an eight-hour minimum run time. If this is not correct, please specify Delmarva's rights

		<p>and obligations regarding this block of energy.</p> <p>8. Please specify what natural gas index would be used from Gas Daily and how specifically the Energy Price would be derived, with the exception of VOM. Is the Gas Daily price a delivered price?</p>
33	Form R, Alternate Offer	<p>1. Please specify any differences between your Base Offer and your Alternative Offer other than:</p> <ul style="list-style-type: none"> i. Capacity price set forth in Table 1; ii. Rights to dispatch (Delmarva for the Base offer and Conectiv for the Alternative Offer) iii. Conectiv's right to deliver energy from a source other than the units. iv. The obligation to provide energy is on a firm basis. <p>2. Is the obligation to provide a specific amount of UCAP firm? If so, what is the amount of UCAP?</p> <p>3. Is your proposal to be paid the capacity price for the amount of UCAP or the amount of summer net capability? If the latter, what would be the Target Equivalent Availability Factor and how would the availability adjustment mechanism work?</p> <p>4. What are the potential points of delivery at which Seller may sell energy to Delmarva?</p> <p>5. Regarding exception #1: What do you mean by "Buyer shall be permitted to direct Seller to deliver Energy from any source to the Delmarva Zone based on a Base Mode of operation of the Unit (i.e., at 152 MW) or a Peak Mode of operation of the Unit (i.e., 177 MW)"?</p> <p>6. Is it the Buyer's option to purchase energy for each of the following, subject to the constraints identified regarding notice and minimum run time: base mode of operation (day ahead), off-peak dispatch or base mode dispatch initiated after 4:30 pm the day before, or peak segment?</p>
34	Form O, General	<p>Please provide an Excel spreadsheet showing annually for each year in the contract the following information (for the Base Offer and Alternative Offer):</p> <ul style="list-style-type: none"> • Expected capacity payments based on the Target Equivalent Availability Factor (or other specified basis) and the assumed changes in the assumed escalator(s) (e.g., NYMEX Henry Hub monthly average prices); • Energy sold by Conectiv to DPL during (a) the Base Mode – peak hours, (b) the Base Mode – off-peak hours,

		<p>and (c) Peak Mode operations.</p> <ul style="list-style-type: none"> • The annual energy price for each of the above periods using Conectiv's proposed price formulae. Provide all underlying assumptions and calculations.
35	PPA / Pricing	Please describe in detail the ancillary services to be provided by the facility.
36	PPA	Please provide your requested changes to the standard form of Power Purchase Agreement (PPA) for the Base Offer and Alternative Offer in the form of a redlined version of the PPA in MS Word format, as requested in Section 2.3.9 of the RFP Instructions to Bidders.
37	PPA	Please explain why Conectiv should not be required to provide a second lien in addition to the collateral requirements set forth in Sections 8.1 and 8.2 of the standard PPA, or kindly withdraw Conectiv's exception.



A New Generation of Energy

**DELMARVA POWER RFP
FOR NEW GENERATION RESOURCES**

**CONECTIV ENERGY SUPPLY, INC. RESPONSE
TO QUESTIONS DATED DECEMBER 29, 2006**

JANUARY 4, 2007

QUESTION 1

Conectiv indicates that it is offering an option for a five-year extension of the PPA that is available in years five through eight (for both the Base Offer and the Alternative Offer).

- 1. Is this a firm option that is offered to Delmarva as part of your proposal, which may be exercised in contract years 5-8? If so, what are the applicable prices? Are the PPA terms and conditions the same as for the proposed 10-year term?*
- 2. If this is not a firm option, please state the terms and conditions applicable to your proposal.*

This is a firm offer to extend the PPA for both proposals that can be exercised at DP&L's sole option on any contract anniversary date during the interval of years 5 through 8 of the original PPA term ("Extension Date"). The pricing for the 5 year extension for both capacity and energy will be recalculated at the time the extension option is exercised [REDACTED]

[REDACTED] All other terms of the PPA will be the same for the extended term as for the original 10 year term.

[REDACTED]

[REDACTED]

[REDACTED]

For years 12 through 15, the capacity price will be fixed and the energy price will be escalated in the same manner as in the original 10 year contract.

QUESTION 2

Please explain why the net summer dependable rating is higher than the net winter dependable rating. Please explain why estimated UCAP is the same as the net summer dependable rating, despite an expected 2.5% annual forced outage rate. If the information provided is not correct, please provide corrected information.

Summer Dependable Rating vs. Winter Dependable Rating

The Combustion Turbine selected for use in this proposed project has multiple power augmentation options that have been optimized by Conectiv Energy's Engineering group working independently and with Original Equipment Manufacturer (OEM) representatives. With over 13 years of direct experience, Conectiv Energy has the ability to confidently predict unit performance.

The Capacity values included in the Response for Proposal were developed using GateCycle Thermal Performance modeling based on an existing combustion turbine in operation at a Conectiv generating facility. In both summer and winter modes, the limiting factor is the Combustion Turbine Generator mechanical shaft limit of [REDACTED]

During summer operation, the unit capacity is achieved utilizing the following available power augmentation systems:

- [REDACTED] - allows for higher combustion temperatures
- [REDACTED] - mists demineralized water into the inlet of the compressor, reducing the amount of work required to compress combustion air
- [REDACTED] - increases the firing temperature and injects demineralized water directly into the combustion chamber.

During the winter operating mode (at 25°F), maximum power generation is achieved in the Peak operating mode only. At intermediate temperatures, [REDACTED] will be used as required to achieve the maximum capacity ratings.

For each season, the gross power contributed from the Combustion Turbine to the station gross power is nominally [REDACTED] with the balance of the power being provided from the steam cycle. The incremental increase in summer dependable rating verses the winter dependable rating results from the increased energy (mass flow + heat) exhausted from the Combustion Turbine, converted to steam energy in the HRSG, and subsequently to mechanical energy in the Steam Turbine. [REDACTED]

UCAP is same for Net Dependable Capacity in Summer with 2.5% Annual Forced Outage Rate

Form E submitted in the application does not comply with the PJM market rule values and has been revised accordingly. The Revised Form E is provided as Attachment I to this response.

QUESTION 3

Please provide additional information on performance guarantees. Conectiv indicates that such guarantees “will be provided.” Also, please clarify how the target equivalent availability factor would be determined under Conectiv’s Alternate Proposal.

The Performance guarantees for the base proposal are as follows:

- Forced Outage Rate: 2.5%
- Equivalent Availability Factor: [REDACTED]
- Capacity Factor: As dispatched
- UCAP (Winter): 170.6 MW
- UCAP (Summer): 172.6 MW
- Dependable Capacity Rating (Summer): 175 MW
- Dependable Capacity Rating (Winter): 177 MW

The Performance guarantees for the alternate proposal are as follows:

- Forced Outage Rate (Capacity Only) 2.5%
- Equivalent Availability Factor: 100%
- Capacity Factor: As dispatched
- UCAP (Winter): 170.6 MW
- UCAP (Summer): 172.6 MW
- Dependable Capacity Rating (Summer): 175 MW
- Dependable Capacity Rating (Winter): 177 MW

Note that since energy would be able to be provided from [REDACTED] a 100% EAF could be achieved.

QUESTION 4

Please explain the incremental heat rate provided at 100% loading and how this value differs from the average heat rate at the same loading.

Average Heat Rate and Incremental Heat Rate have distinctive definitions. For the data presented on Form D, the average and incremental heat rates are provided at iso-conditions at 59°F. The following table is provided for use in the example provided:

Net Capacity (%)	Heat Input (mmBtu)	Net Station Output (kw)	Heat Rate (btu/kWh)	Incremental Heat Rate (btu/kWh)
██████████	██████████	██████████	██████████	██████████
██████████	██████████	██████████	██████████	██████████
██████████	██████████	██████████	██████████	██████████
██████████	██████████	██████████	██████████	██████████

Average Heat Rate is defined by the total heat input in btu divided by the net station output in kWh and is defined by the unit btu/kWh. For example, at 100% of the net capability, the total heat input is ██████ mmBtu and the net station output is ██████ kW for a average station heat rate of ██████ btu/kWh.

The Incremental Heat Rate is defined by the incremental btu increase to achieve the next load divided by the incremental increase in net station output. The following example is provided for the dispatch from 86% to 100% of the net capacity:

$$\begin{aligned} \text{Heat Input Difference} &= \text{Heat Input at 100\%} - \text{Heat Input at } \text{██████████} \\ &= \text{██████████} \\ &= \text{██████████ mmBtu} \end{aligned}$$

$$\begin{aligned} \text{Net Station Output Difference} &= \text{Net Sta Output at 100\%} - \text{Net Sta Output at } \text{██████████} \\ &= \text{██████████} \\ &= \text{██████████ kWh} \end{aligned}$$

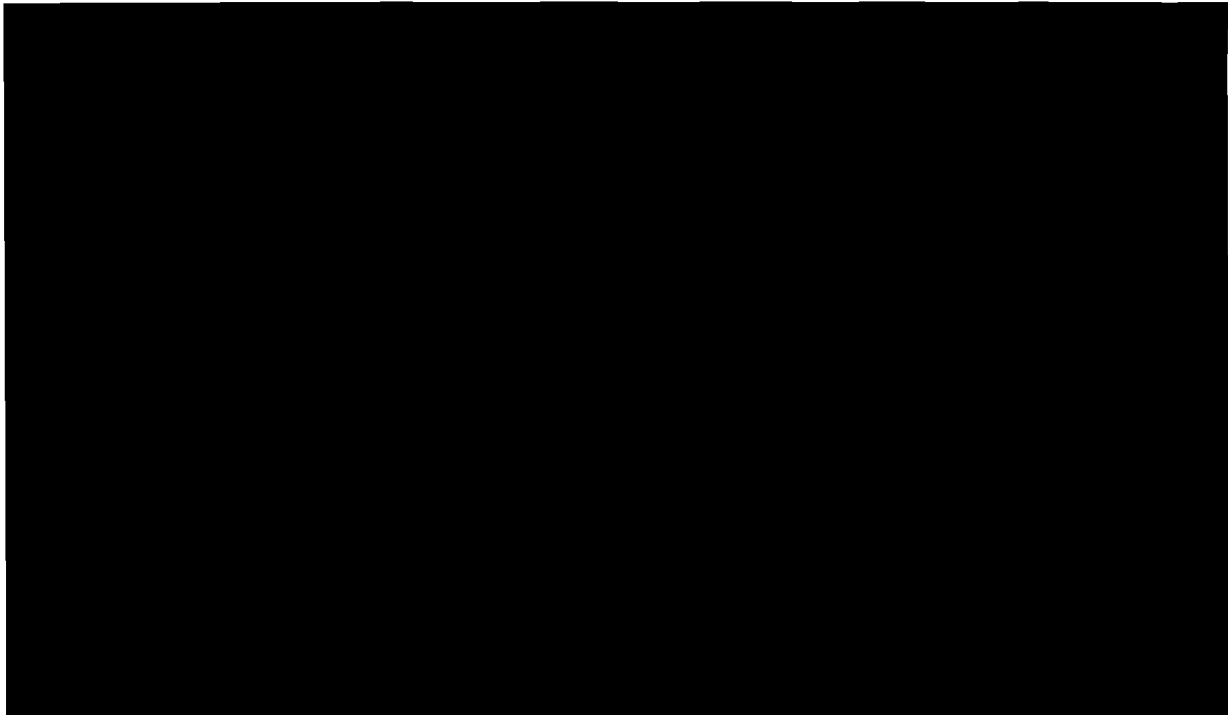
$$\begin{aligned} \text{Incremental Heat Rate} &= (\text{Heat Input Difference (mmBtu)} \times 1,000,000) / \text{Net Sta Output Diff} \\ &= \text{██████████} \times 1,000,000 / \text{██████████} \\ &= \text{██████████} \end{aligned}$$

* The Form D values included additional significant digits not included in this example.

QUESTION 5

Please provide the anticipated efficiency performance adjustment expected at local ambient conditions rather than ISO conditions.

The curve provided shows the calculated heat rate (efficiency) and the expected output as a percentage of rated load from 25° to 92°F. The solid lines shows the Base dispatch curves and the hashed lines show the energy (kWh) and corresponding heat rate (btu/kWh) for the peak energy segments.



QUESTION 6

Please identify whether the amount of “dispatchable capacity” would change if Delmarva exercises the option to extend the PPA contract to 15 years.

Exercising the option to extend the contract term to 15 years will not impact the “dispatchable capacity” in years 11 through 15.

QUESTION 7

Please provide specifics of the intended fuel transportation arrangements for this project, in addition to the general Conectiv experience described.

The explanation of CESI’s supply and transportation arrangements was not provided simply to show CESI’s experience in this area. It is critical to understand that CESI uses its existing supply and transportation arrangements on a portfolio basis to meet the changing needs of its entire fleet of gas fired generating units. CESI will add, or subtract, arrangements to and from the portfolio based upon the overall needs of the fleet at any specific time. This approach permits CESI to use all of its arrangements on an economically efficient basis to meet the overall

requirements of its fleet. CESI intends to add the Project to the existing fleet of gas generation and to meet its needs with the portfolio of resources. The fact is that some or all of the transportation or supply arrangement needed to meet the needs of the Project [REDACTED]

[REDACTED] As described in the answer to Form G, Q. 7, CESI's existing portfolio includes firm gas transport and storage to service. These contracts are with multiple interstate gas pipelines and storage holders that provide a guaranteed path from the [REDACTED]

[REDACTED] CESI also has NAESB agreements in place with gas suppliers that provide the contractual arrangements for firm gas delivery into the interstate pipelines and/or storage facilities as well as the ability to buy firm delivered gas to the Hay Road site. The appropriate agreements are in place to manage the financial risk of gas transport, basis and supply by using the available financial instruments. Accordingly, CESI has the ability to source gas on multiple pipelines from multiple locations across [REDACTED] United States from multiple suppliers. [REDACTED]

Typical agreements including interstate gas transportation, a firm gas storage, and CESI's NAESB contract for gas suppliers are provided as Attachment II, III, and IV respectively.

[REDACTED]

QUESTION 8

Please provide more detail on pipeline transportation costs for gas delivered to this project, as opposed to Conectiv's reference to general pricing information available from the pipeline's web sites.

[REDACTED]

[REDACTED]

QUESTION 9

Please provide more detail on the intended sources of gas supply for this project in particular, and describe how these sources relate to the pricing offered for this project. Delmarva understands that Conectiv has relationships with and has purchased fuel in the past from TETCO, Transco and Columbia Gas. Also, please describe how Conectiv's plan for gas supply would vary under the Alternate Proposal.

[REDACTED]

For additional detail on intended gas supply sources for this project, please see the supplemental responses in for Questions 7 and 8.

The pricing of the PPA is the result of CESI's analysis of all expected costs to deliver fuel to the project. [REDACTED]

[REDACTED]

The plan for gas supply for the Alternate Proposal would not differ from the plan for gas supply of the Base Offer.

QUESTION 10

Please provide more information on the intended arrangements for gas supply, given that Conectiv will use an "appropriate portfolio."

Please refer to responses to Question 7 to Question 9 above.

QUESTION 11

Please provide more information on the intended fuel supply strategy and criteria for this project to supplement the information provided on Conectiv's past experience.

Please refer to responses to Question 7 to Question 9 above.

QUESTION 12

Please explain why there would be no guaranteed minimum pressure.

Except for periods of interstate pipeline maintenance or under Force Majeure conditions, the minimum operating pressure at any of the three interstate pipeline gate stations serving Hay Road is [REDACTED] psig. This number, as stated in the proposal, is standard operation [REDACTED]

For clarification, interstate gas pipelines are engineered to meet the contractual daily and hourly gas needs of all the customers on that interstate pipeline's system on a design day. Such contractual obligations are certified by FERC. Additionally, as the entire gas interstate system is an interconnected infrastructure of dozens of pipelines, interstate pressures are typically over [REDACTED] psig at any point along any interstate pipeline.

QUESTION 13

Please confirm that the maximum annual dispatch (capacity factor) anticipated is percent based on air permit requirements. If there is a seasonal variation in anticipated operating potential, please provide the seasonal dispatch potential as well.

Conectiv Energy plans to secure air permitting approval for the proposed facility and to provide the necessary NOx emission offsets in a manner that ensures flexible operating capability. The forecasted annual dispatch or capacity factor for the project facility would be [REDACTED] % assuming that Delmarva Power elects to run the unit [REDACTED] each year. Under the base arrangement it is predicted that, [REDACTED] lower costs alternatives would be available. This rationale is predicated on the fact that DPL would optimize the value of this offer and cycle the units to ensure the maximum value for its customers.

This strategy, which applied Conectiv Energy's generation market experience optimizing the plant design, permitting constraints, pricing, and configuration facilitates Delmarva Power's ability to provide the lowest energy and capacity cost attainable. [REDACTED]

[REDACTED]

[REDACTED]

QUESTION 14

The RFP requires that a "reasonable schedule for acquisition of all permits" be provided. Please provide such a permit-by-permit schedule for filing and receiving permits.

The requested schedule is provided as Attachment V of this document.

QUESTION 15

Conectiv indicates that environmental assessments are required for the Delaware Coastal Zone Program and New Castle County. Please identify any approvals or permits required from a federal agency that will trigger compliance with the National Environmental Policy Act. If there is a federal NEPA requirement, please identify whether the level of required analysis is expected to be an environmental assessment or an environmental impact statement.

The U.S. Environmental Protection Agency (EPA) has issued primacy over most of its federal permit programs to the State of Delaware, which incorporates EPA's NEPA requirements in their state regulations. No major federal permits will be required for this project, and no federal funds will be used. As a result, no federal NEPA requirement such as an EA or EIS will be required.

QUESTION 16

Please provide more details on Conectiv's plans to obtain cooling tower makeup/condenser water from the hot-side of EMPP's existing cooling water discharge canal. On an average daily basis, please identify how much cooling water is currently withdrawn from and subsequently discharged back into the Delaware River to meet current needs, and explain how these daily figures would be modified by the proposal? Also, please indicate the expected change or improvement over the current discharge temperature.

Cooling Tower Make Up / Blow Down from Canal

The Hay Road No. 4 and No. 8 Steam Turbine Generators' exhaust steam is cooled via two independent closed cooling systems, with each having a dedicated 10-cell mechanical draft cooling tower. The Edge Moor Power Plant (EMPP) that is adjacent to the Hay Road Power Complex (HRPC) utilizes once through cooling for its steam condensers on EMPP Units 3, 4, and 5. Discharge from each condenser to the Delaware River is via a common discharge canal.

During the initial Hay Road expansion project completed in 1993 (Hay Road 4) and the subsequent expansion in 2002 (Hay Road 5 – 8), the cooling water needs for these facilities were designed to be met from river water drawn from the "hot side" of the EMPP discharge canal. This design was implemented to reuse the thermal effluent that was already permitted and negated the need to withdraw additional cooling water from the Delaware River. In addition, the project could operate within the existing permit limits for discharge canal. (Outfall 001).

The "hot" outlet water from the down steam side of the Edge Moor condensers is pumped using three 100% pumps rated at [REDACTED] GPM each to the HRPC facilities via a make-up water pump house installed along the discharge canal. Make-up water to the HRPC cooling towers is delivered via a common [REDACTED]' pipe that has [REDACTED]' laterals installed to each Cooling Tower. Blow down from the HRPC units is via [REDACTED]' discharge lines installed down stream of the circulating water pumps on each tower.

Cooling Water Needs

HRPC operates as a merchant plant, and has life time capacity factor of less than [REDACTED]. Therefore, reporting the average daily withdrawal and discharge values would skew the response. Alternatively, the following projections are offered.

The river water make up needs to each existing cooling tower and the proposed cooling tower is directly related to the ambient conditions, heat load on the system, and the number of concentration cycles. Generally, withdrawal, evaporation, and blow down rates for each tower, assuming [REDACTED] hours of operation, are referenced to be 3.3 MGD, 2.4 MGD, and 0.90 MGD, respectively. All of the non-contact cooling water withdrawn from the canal is returned to the Delaware River via the EMPP discharge canal or evaporated in the atmosphere. It is not common to run [REDACTED] and actual withdrawal conditions are expected to be lower.

For the proposed project, make up rates are expected to range from 800 GPM to 1350 GPM, and evaporation rates would be 600 GPM to 800 GPM. For a [REDACTED] the daily rates for withdrawal, evaporation, and blow down would typically be 1.1 MGD, 0.8 MGD, and 0.3 MGD respectively.

At this time, with the existing excess pump and system capacities available for this project, the existing infrastructure is planned on being utilized. Note that all consumptive uses will be permitted, and the proper allocations will be aligned to meet all DRBC requirements, including satisfying drought mitigation requirements for the Delaware River.

River Water Temperature

The response in Section I references the reduction in discharge temperature reduction in the discharge canal. The proper descriptions should be a reduction in the heat rejected to the river because the cooling tower removes more heat from the discharge canal than it returns in the blow down stream. For winter and summer operation, the total heat rejected to the river from the canal, based on studies performed during permitting of the Hay Road 5 – 8 project, was reduced by a range of [REDACTED] (summer) to [REDACTED] (winter). With all units in operation, and including this project, extrapolating these values would show that the total heat rejected to the river would be reduced by [REDACTED] (winter) to [REDACTED] (summer). The actual values will be verified through modeling as part of the permitting efforts.

QUESTION 17

As also requested in Form D, Q. 6 above, please provide more information on performance guarantees

Primary control equipment to be in place will incorporate the Siemens-Westinghouse silo combustors which limits NOx, VOC, and CO emissions. In addition, the heat recovery steam generators will include SCR technology and utilize catalyst in conjunction with Anhydrous Ammonia. With the current low emission levels of the combustion turbines, CO levels of 9 ppm or less can be achieved at all operating loads without the use of catalyst.

The combustion turbines are same vintage and designs as the nine (9) units installed and commissioned at Hay Road and Bethlehem in 2002 and 2003. All nine (9) units were tested and achieved the emission guarantees provided by Siemens-Westinghouse. Forecasted combustion turbine emission rates will be guaranteed by Conectiv Energy to the HRSG vendor who will subsequently guarantee final emission performance with the design of the SCR system.

Final contract terms are not in place at this time with the HRSG vendor. Final terms and conditions will include the obligations established in the Air Permit and have financial and liquidated damages associated with emission performance. As indicated previously, nine (9) HRSG's were also installed in 2002 and 2003 and for each case, including ammonia slip, performance guarantees were achieved.

QUESTION 18

Please provide more information on the specific approach that Conectiv would take to off-site hazardous waste transportation for this project.

As a PHI company, Conectiv works from a list of qualified PHI-approved hazardous waste contractors. Based on the type of waste, Conectiv would contact the appropriate PHI-approved contractor, and ensure via manifests that the waste is delivered to a PHI-approved and licensed storage, treatment, or disposal facility.

QUESTION 19

The proposed site is near the Delaware River. Please identify whether it is located within either a 100-year or 500-year floodplain. If so, please provide the elevations and discuss the amount of any fill that may be required for flood proofing purposes.

The proposed project site is located outside of the 100 year flood zone, as shown on the 1993 Water Resource Protection Areas Map for City of Newark, City of Wilmington, and New Castle County, Delaware (Map 1 of 3). The proposed project site is an extension of the existing Hay Road No. 5 – 8 plateau. Accordingly, no fill will be required.

QUESTION 20

Please provide the site surveys mentioned that show no impact on threatened and endangered species, as well as how determinations were made with regard to wetlands and cultural resources.

A series of seasonal site surveys for endangered and threatened species was conducted as part of the previous Coastal Zone studies for Hay Road Units 1-4, and subsequent Hay Road Units 5-8. As stated in those applications, no species listed as threatened or endangered by the State of Delaware or the U.S. Fish and Wildlife Service occur, or are expected to occur, on or in the vicinity of the project site. Such findings have been verified by historic surveys dating back to 1980. The Delaware River is located 1,200 ft to the east, and the industrial land uses preclude the presence of potentially suitable ecologically valuable habitat for such species.

With regard to wetlands, Conectiv Energy's proposed project area was part of a comprehensive wetland delineation study conducted by ENSR for the Hay Road Units 5-8 project in 2000. ENSR summarized the results of this study in their March 2000 Hay Road Facility Wetlands Delineation Report (Project Report 1855-0004-003) which is provided as Attachment VI. In brief, this report states: "*ENSR's review of the aerial map (Figure 1) did not indicate the presence of any wetlands associated with the proposed Hay Road facility. The project site, as well as the surrounding area was indicated as a heavily industrialized area with little or no*

wetlands except those associated with Shellpot Creek. In addition, neither the National Wetlands Inventory nor the State Wetland map indicated wetlands within the vicinity of the Hay Road facility. ENSR reviewed available soil mapping for the location of the Conectiv facility to determine potential areas that may contain hydric soils and, consequently, wetlands. The Natural Resource conservation Service (NRSC, formerly the Soil Conservation Service) mapping supplement identified the following soil systems within the facility limits: Othello-Fallsington-Urban land complex and Aldino-Keyport-Mattapex-Urban land complex. Both soil complexes consist of Urban land makeup, which is described as areas predominantly utilized for streets, sidewalks, and buildings, and is typically characterized by several feet of fill material.” The only wetlands which were identified in the area consist of a small man-made pond and wetlands along a rail spur to the south. Both areas lie outside the proposed project area, are buffered from the project by existing Hay Road 5-8 facilities, have been determined to be not jurisdictional by the U.S. Army Corps of Engineers in an April 2000 wetlands determination, and will not be affected.

Finally, with regard to cultural resources, the project site represents a classic brownfield site based on historical uses, as described in the July 2000 Coastal Zone Permit Application. After review of the previous Hay Road projects New Castle County’s Planning Division issued Conectiv Energy the Evidence of Local Zoning and Land Use determination. This verification was based on the industrial zoning and historic overlay zoning of the Hay Road tax parcels. As noted before, the project site is located within a heavily industrialized area on “fill” soils.

QUESTION 21

The question requests a map showing the anticipated placement of all facilities at the site of the project. Conectiv is requested to provide a plot plan that identifies “any necessary rights-of-way, size, fuel supply route, fuel storage, cooling source, waste disposal, interconnection point, etc.” Please identify all key facilities on the map provided or provide another map that does so.

Refer to Attachment VII.

All of the development will be contained to property under the ownership and control of Conectiv Energy or one of its affiliates. Existing infrastructure is in place to minimize any off site disturbance. Where possible, existing facilities will be used and controls will be applied to manage resources.

For specific information, the following is offered along with the referenced attachments:

Drawing HR-100-E-MD2001 shows the overall limits of the property, including the existing Hay Road Power Complex and Edge Moor Power Station. The proposed location of the new units is shown on this plan, along with the location of the existing low sulfur light petroleum product storage tank, cooling water source, and blow down location at the existing Edge Moor discharge canal, which will be utilized in operation of the new units.

Drawing HR-100-E-MD2002 shows the layout of the new units, in addition to the electrical transmission and natural gas supply interconnection points. The existing low sulfur light petroleum product storage tank is also identified again for clarity.

Detail of the facility layout is shown on Sheet 2.

“Rights of Way” are not required, since the new generation units will utilize points of interconnection and services within the existing property boundaries.

Since this is a clean technology combined cycle plant, waste disposal areas, such as ash disposal, are not required. There is no large scale industrial byproduct that will require a large staging area for disposal. Any hazardous waste will be managed using licensed and certified entities.



QUESTION 22

The schedule shows licensing starting in March 2007 and engineering in April 2007. Please identify the latest date by which approval could be obtained and still enable the plant to be on line by June 2011.

The project time line is established based on a March 2007 release. Critical path items are site permitting, detailed engineering, equipment procurement, construction, commissioning, and acceptance testing. If successful, Conectiv would execute the work scope on the tightest time line possible while concurrently managing costs.

Obviously, with any project of this magnitude, there are opportunities to accelerate the schedule via incentives to vendors and suppliers and overtime during the construction phases. Conectiv remains open to any acceleration requirements that DPL may identify. Adjustments to project pricing may be required.

QUESTION 23

Please provide a pro forma for the project, in Excel, with formulas. Conectiv's response indicates that a pro forma was attached, but one was not provided.

Please see Attachment VIII [REDACTED] included in CESI's initial response. CESI believes that the information provided in Attachment VIII meets the requirements of the RFP. [REDACTED]

QUESTION 24

Please confirm the location for the Gas Daily price used in the energy pricing formulas (e.g. Henry Hub).

[REDACTED]

QUESTION 25

Please indicate whether or not the Peak Segment Dispatch price includes dispatch requests in the day-ahead and real-time markets. Please confirm this for both the Base and Alternate Bids proposed.

[REDACTED]

QUESTION 26

Please confirm that the Energy Price for Off-peak Dispatch or Dispatch initiated after 4:30 pm in Base Mode applies to any real-time dispatch request as well as off-peak day ahead dispatch requests. Please confirm this for both the Base and Alternate Bids proposed.

[REDACTED]

QUESTION 27

Conectiv has proposed adjusting stated capacity and energy payments using a formula based on the percentage change in the “60 Month Average HH NYMEX Closing Price” from December 20, 2006 to the date after PPA execution and regulatory approvals.

1. *Please indicate how the “60 Month Average HH NYMEX Closing Price” is determined. Provide an illustrative example using the December 20, 2006 date.*
2. *Please describe the rationale for using a 5 year (60 month) term in the calculation.*
3. *Please identify a source from which the data for the “60 Month Average HH NYMEX Closing Price” can be obtained. If the data is not publicly available, please provide a historical series of the data as of the third Wednesday of each month over the past 5 to 10 years.*
4. *If the “60 Month Average HH NYMEX Closing Price” relies on monthly NYMEX futures price quotes for Henry Hub, please indicate on how the liquidity of the series, particularly for points greater than 2-3 years out, will be accounted for in the calculation. Given a decline in the liquidity of the extended series after 2-3 years, please explain the appropriateness of relying on a 5 year period.*
5. *Please indicate what Conectiv’s proposed treatment of missing or not available data is should HH NYMEX price quotes not be available for the “60 Month Average HH NYMEX Closing Price”.*
6. *Please describe in detail what is meant by the term “date after execution and all regulatory approvals are received for the contract”. List applicable regulatory approvals and whether said approvals need to be beyond the point of appeal.*

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

QUESTION 28

For the Base Mode of operation during on-peak hours, is the Energy Price after contract year 1, escalated based on (a) or (b) or (c) below as the base price (that is being adjusted):

- *The 2012 energy price in Table 1, adjusted according to the one-time adjustment for natural gas forward prices (HH), for each year;*
- *The energy price in Table 1 for the applicable year; or*
- *Neither (please specify the correct method).*

Provide a specific example showing how energy prices will be escalated and a written description of the methodology.

Neither. Please see explanation below.

[REDACTED]

[REDACTED]

[illegible]

QUESTION 29

Please confirm whether minimum run blocks (time of capacity) would apply in the Alternate proposal and if so, describe the minimums required.

DPL can request energy dispatched, under the alternate proposal, in the same run blocks as the Base proposal.

QUESTION 30

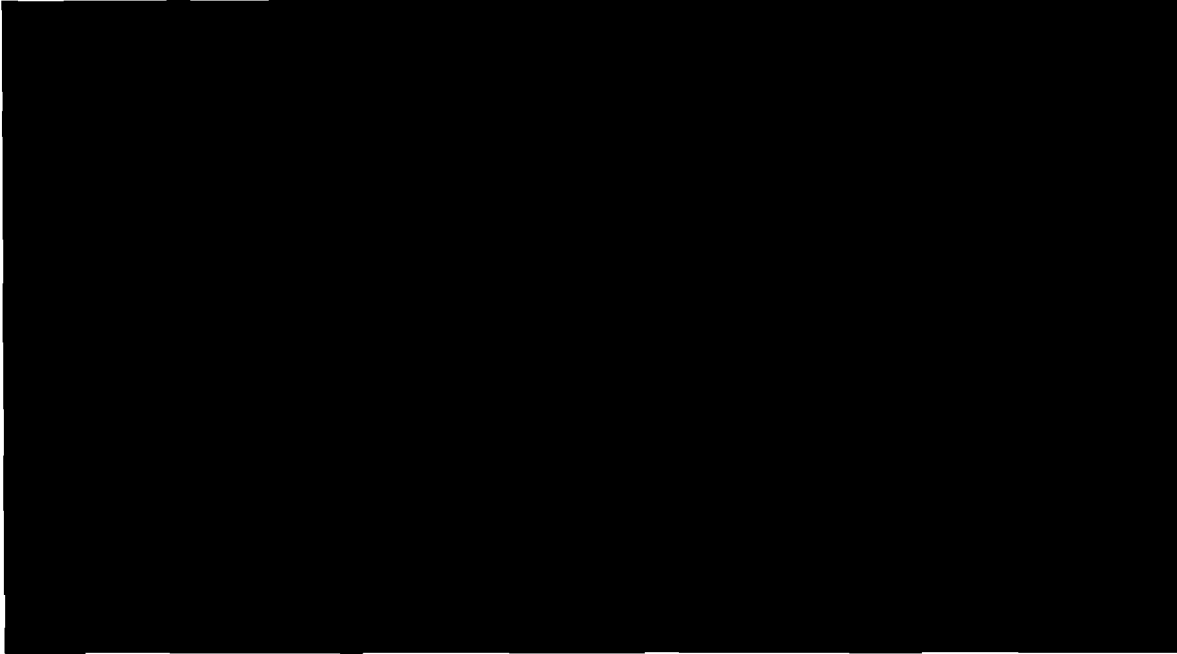
Please provide a 5 year history for all indices used in the pricing formulas

QUESTION 31

PPA pricing in Conectiv's proposal shows energy prices escalating at 2.5% per year. It then describes a price adjustment for the output in Base Mode – peak hours, and prices for the output in Base Mode – off-peak hours for Peak Mode output. Base Mode is defined as output up to 152 MW and Peak Mode is defined as output of 152 to 177 MW.

- *Is the described adjustment made to the fixed but escalated amounts in Table 1?*
- *The adjusted energy price for the Base Mode – peak hours time period equals the energy price in Table 1 adjusted for changes in the NYMEX Henry Hub monthly average prices. After year one, the energy price escalates 50% at a Coal Broker's Index and 50% at GDP. Why did Conectiv choose these escalators for energy price adjustments for the energy price for a plant that burns natural gas?*

DELMARVA POWER RFP
BASE AND PEAK LOAD SEGMENTS
OUTPUT VS. AMBIENT TEMP (°F)



Clarification of Energy Price Calculations & Use of escalators for Energy Price adjustments:

[Redacted text block]

[Redacted text line]

[Redacted text line]

[Redacted text line]

[Redacted text line]

[Redacted text line]

[Redacted text line]

For Contract Years 2-10:

QUESTION 32

- 1. Please describe why the proposed price index using NYMEX Henry Hub gas prices is an acceptable method for calculating capacity prices.*
- 2. Please describe how the proposed price index using NYMEX Henry Hub gas prices is associated with the cost of constructing or operating new generation capacity?*
- 3. What is the Target Equivalent Availability Factor (guaranteed equivalent availability factor as defined in the standard form PPA)?*
- 4. Please specify the ancillary services that the Facility is capable of providing and the level of availability for each product, including applicable operating limits.*
- 5. Please provide specific formulas for the computation of the energy price for the base mode of operation.*

6. *Please confirm that the base period of operation is for weekdays from 8 a.m. through 11 p.m., excluding NERC holidays.*
7. *Please confirm that Delmarva has dispatch rights to the energy during the base period of operation for up to 152 MW, subject to day-ahead notice and an eight-hour minimum run time. If this is not correct, please specify Delmarva's rights and obligations regarding this block of energy.*
8. *Please specify what natural gas index would be used from Gas Daily and how specifically the Energy Price would be derived, with the exception of VOM. Is the Gas Daily price a delivered price?*

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

QUESTION 33

1. Please specify any differences between your Base Offer and your Alternative Offer other than:
 - i. Capacity price set forth in Table 1;
 - ii. Rights to dispatch (Delmarva for the Base offer and Conectiv for the Alternative Offer)
 - iii. Conectiv's right to deliver energy from a source other than the units.
 - iv. The obligation to provide energy is on a firm basis.
2. Is the obligation to provide a specific amount of UCAP firm? If so, what is the amount of UCAP?
3. Is your proposal to be paid the capacity price for the amount of UCAP or the amount of summer net capability? If the latter, what would be the Target Equivalent Availability Factor and how would the availability adjustment mechanism work?
4. What are the potential points of delivery at which Seller may sell energy to Delmarva?
5. Regarding exception #1: What do you mean by "Buyer shall be permitted to direct Seller to deliver Energy from any source to the Delmarva Zone based on a Base Mode of operation of the Unit (i.e., at 152 MW) or a Peak Mode of operation of the Unit (i.e., 177 MW)"?
6. Is it the Buyer's option to purchase energy for each of the following, subject to the constraints identified regarding notice and minimum run time: base mode of operation (day ahead), off-peak dispatch or base mode dispatch initiated after 4:30 pm the day before, or peak segment?

[REDACTED]

[REDACTED]

Response to Item 3

The capacity price for the base and alternate offer will be based on the amount of UCAP with a Forced Outage Rate of 2.5%. The Target Equivalent Availability is [REDACTED] for the base and 100% for the Alternate Offer. The adjustment mechanisms and payments will be per the PPA.

Response to Item 4

The Delivery point for the Base and Alternate offer will remain the Red Lion 230 kV (DPL Bus 23020).

Response to Item 5.

The red-lined changes to Section 3.1 of the PPA for the Alternative Offer now provides that Seller shall select the source of the Energy and that deliveries shall be made to Buyer at Red Lion 230 kV (DPL Bus 23020).

Response to Item 6

[REDACTED]

QUESTION 34

Please provide an Excel spreadsheet showing annually for each year in the contract the following information (for the Base Offer and Alternative Offer):

- *Expected capacity payments based on the Target Equivalent Availability Factor (or other specified basis) and the assumed changes in the assumed escalator(s) (e.g., NYMEX Henry Hub monthly average prices);*
- *Energy sold by Conectiv to DPL during (a) the Base Mode – peak hours, (b) the Base Mode – off-peak hours, and (c) Peak Mode operations.*

The annual energy price for each of the above periods using Conectiv's proposed price formulae. Provide all underlying assumptions and calculations.

Please refer to Attachment IX of this document.

QUESTION 35

Please describe in detail the ancillary services to be provided by the facility.

As part of the PPA pricing, Conectiv will provide 100% of the reactive power and operating reserve ancillary services to Delmarva.

QUESTION 36

Please provide your requested changes to the standard form of Power Purchase Agreement (PPA) for the Base Offer and Alternative Offer in the form of a redlined version of the PPA in MS Word format, as requested in Section 2.3.9 of the RFP Instructions to Bidders.

Attachment X and Attachment XI are provided for the Base and Alternate Proposal, respectively.

QUESTION 37

Please explain why Conectiv should not be required to provide a second lien in addition to the collateral requirements set forth in Sections 8.1 and 8.2 of the standard PPA, or kindly withdraw Conectiv's exception.

The collateral requirements set forth in Sections 8.1 and 8.2 are typical in the industry for transactions of this type and are intended to adequately protect the Buyer in the event of a default by the Seller. [REDACTED]

by the Seller. [REDACTED]

ATTACHMENT I – QUESTION 2 – REVISED FORM E

Form E - Firm Capacity Rating (UCAP)

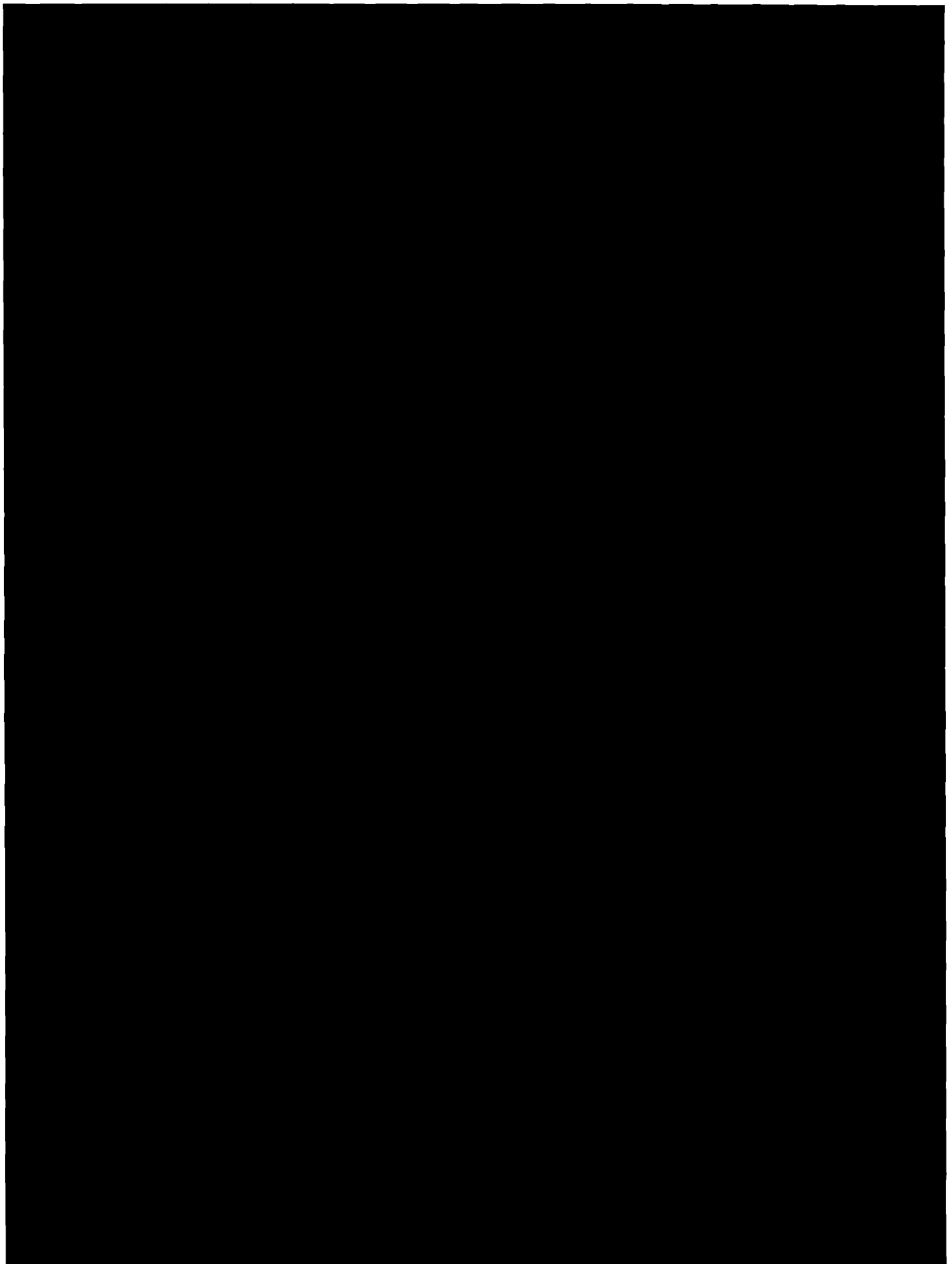
Please provide estimated summer net contract capacities in MW that would be available over the proposed contract term and also indicate any residual firm capacity that would be available to participate in the PJM capacity markets over the life of the proposed project. **The values should reflect the total anticipated PJM UCAP rated capacity over the indicated contract year according to the PJM market rules.**

Please confirm that the capacity will be located within the Delmarva zone.

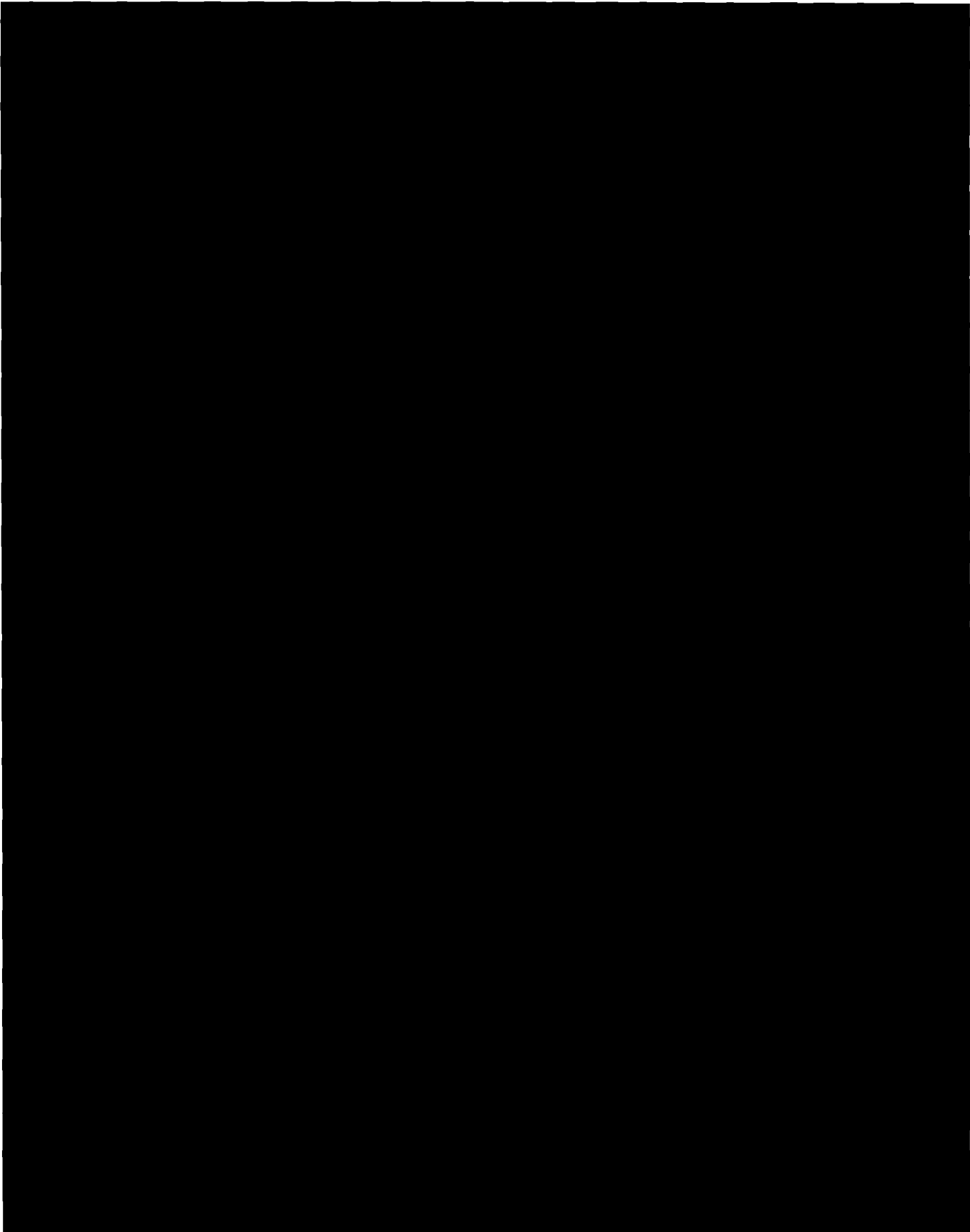
Contract Year	Location (Indicate PJM Zone)	Summer		Winter	
		Net Contract Capacity (Base)	Net Residual Capacity (Supplemental)	Net Contract Capacity (Base)	Net Residual Capacity (Supplemental)
6/1/2007 - 5/31/2008	PERMITTING / CONSTRUCTION / COMMISSIONING				
6/1/2008 - 5/31/2009					
6/1/2009 - 5/31/2010					
6/1/2010 - 5/31/2011					
6/1/2011 - 5/31/2012	DP&L Bus 23020	172.6	0	170.6	0
6/1/2012 - 5/31/2013	DP&L Bus 23020	172.6	0	170.6	0
6/1/2013 - 5/31/2014	DP&L Bus 23020	172.6	0	170.6	0
6/1/2014 - 5/31/2015	DP&L Bus 23020	172.6	0	170.6	0
6/1/2015 - 5/31/2016	DP&L Bus 23020	172.6	0	170.6	0
6/1/2016 - 5/31/2017	DP&L Bus 23020	172.6	0	170.6	0
6/1/2017 - 5/31/2018	DP&L Bus 23020	172.6	0	170.6	0
6/1/2018 - 5/31/2019	DP&L Bus 23020	172.6	0	170.6	0
6/1/2019 - 5/31/2020	DP&L Bus 23020	172.6	0	170.6	0
6/1/2020 - 5/31/2021	DP&L Bus 23020	172.6	0	170.6	0
6/1/2021 - 5/31/2022	END OF CONTRACT TERM				
6/1/2022 - 5/31/2023					
6/1/2023 - 5/31/2024					
6/1/2024 - 5/31/2025					
6/1/2025 - 5/31/2026					
6/1/2026 - 5/31/2027					
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6/1/2035 - 5/31/2036					
6/1/2036 - 5/31/2037					
6/1/2037 - 5/31/2038					

Additional Notes (use additional sheets as necessary):

ATTACHMENT II – QUESTION 7 – CESI TRANSPORTATION SCHED



ATTACHMENT III – QUESTION 7 – CESI STORAGE AGREEMENT



ATTACHMENT IV – QUESTION 7 – CESI NAESB CONTRACT

the 1990s, the number of people in the UK who are aged 65 and over has increased from 10.5 million to 12.5 million, and the number of people aged 75 and over has increased from 4.5 million to 6.5 million (Office of National Statistics 2000).

There is a growing awareness of the need to address the needs of older people in the community. The Department of Health (1999) has published a strategy for older people, which sets out a vision for the future of older people's services. The strategy is based on the following principles: older people should be able to live independently in their own homes; older people should be able to access the services they need; and older people should be able to participate in the decisions that affect their lives.

The strategy also sets out a number of key objectives for the future of older people's services. These include: to ensure that older people have access to the services they need; to ensure that older people are able to live independently in their own homes; to ensure that older people are able to participate in the decisions that affect their lives; and to ensure that older people are able to access the services they need.

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ATTACHMENT V – QUESTION 14 – PERMIT SCHEDULE

**ESTIMATED ENVIRONMENTAL PERMITTING SCHEDULE
FOR CONSTRUCTION PERMITS**

MONTH

AIR RELATED PERMITS

DNREC Reg 2 & 25 Air Construction - PSD/Non Attainment Permit Approvals
DNREC Acid Rain Permit
DNREC/EPA Designated Rep /Alt Designated Rep Registration
DNREC/EPA NOx Budget Authorized Acct Rep/ Alt Authorized Account Representative Registration
DNREC/EPA CAIR Desig Rep / Alt Des Representative Registration
Modification to Existing Hay Road 1-3 Title V Operating Permit (offset source)
DNREC Reg 2 Construction Permit for SCR Device on Hay Road 1-3 (offset source)

OTHER DNREC

DNREC Coastal Zone Permit
DNREC NPDES/Stormwater Approval - Modification to existing Permit Approval
DNREC Facilities Permit

DRBC

Delaware River Basin Commission Water Use Section 3.8 Docket Decision Approval

NEW CASTLE COUNTY

New Castle County Land Development Approval
New Castle County Soil Erosion and Sediment Control Plan Approval
New Castle County Storm Water Management Plan Approval
New Castle County Wastewater Discharge to Sewer - Modification of Existing Approval

DEPARTMENT OF ENERGY

US Dept of Energy Fuel Use Act Certification

FEDERAL AVIATION ADMINISTRATION

US Fed Aviation Admin - Stack Height Approval

ATTACHMENT VI – QUESTION 20 – WETLAND SURVEY



WETLAND DELINEATION REPORT

CONNECTIV

HAY ROAD FACILITY

NEW CASTLE COUNTY, DELAWARE

Prepared for:

CONNECTIV
113 Pencader Drive
Suite 100
Newark, Delaware 19702

Prepared by:

ENSR
2005 Cabot Boulevard West
Langhorne, Pennsylvania 19047

March 2000

1855-004-003

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2.2.2 Site Specific Wetland Descriptions	5
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4.0 REFERENCES	9.

LIST OF APPENDICES

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	Figure 2 USGS Site Location Map
	Figure 3 New Castle County Soil Survey Map
	Figure 4 National Wetlands Inventory Map
	Figure 5 Delaware State Wetlands Map
APPENDIX B	Wetland Determination Data Sheets
APPENDIX C	Site Photographs
APPENDIX D	Site Plans

1.0 INTRODUCTION

1.1 Project Description

Conectiv is proposing to construct a new combined cycle power plant at its existing Hay Road facility. The proposed plant will be developed in phases to a build-out capacity of a nominal 550-megawatt. The first phase will consist of the construction of three combustion turbines (CTs). During the construction of the second phase, the addition of a steam cycle, the CTs will be operated in simple-cycle mode. The principal components of the steam cycle consist of three heat recovery steam generators, a steam turbine/generator, and a cooling tower to allow steam condensation. The proposed Hay Road facility is situated north of the existing Hay Road Facility and south of an existing DuPont manufacturing facility. The Delaware River is located approximately 1,000 feet to the east and separated from the proposed site by occupied warehouses and other industrial buildings. The existing Edge Moor Power Plant facility is located to the southeast.

ENSR has been contracted by Conectiv to identify, delineate, and document all state and federally regulated wetlands within the area of the proposed modifications. ENSR completed the wetland delineation at the Hay Road facility on February 3, 2000 and this Wetland Delineation Report presents the results of ENSR's work efforts.

The report includes:

- Methodologies ENSR followed to complete the wetland delineation and documentation tasks (Section 2.1);
- A brief description of each wetland identified within the survey area (Section 2.2.2);
- Maps depicting the project area on USGS quadrangle, an aerial photograph, New Castle County Soil Survey, National Wetlands Inventory map, and the Delaware Department of Natural Resources State Wetland map (Appendix A);
- Field data sheets documenting each wetland/upland boundary (Appendix B);
- Color photographs of wetland locations (Appendix C); and
- Site plans depicting the wetland boundaries (Appendix D).

2.0 WETLANDS IDENTIFICATION AND DELINEATION

2.1 Methodology

Prior to conducting the wetland surveys in the field, ENSR reviewed the following available background information to determine the approximate extent of wetlands within the area of Conectiv's proposed modifications:

1. Site aerial provided by Conectiv (Appendix A, Figure 1);
2. USGS topographic quadrangle, Wilmington South, Delaware (Appendix A, Figure 2);
3. Soil Conservation Service (SCS), Soil Survey of New Castle County (Appendix A, Figure 3);
4. USFWS National Wetlands Inventory (NWI) Map (Appendix A, Figure 4); and
5. Delaware Department of Natural Resources State Wetland Map (Appendix A, Figure 5).

On February 3, 2000 ENSR conducted the wetland delineation in the location Conectiv is proposing its modifications. These field activities were completed within the entire boundaries of the proposed Hay Road Facility, which included:

- All vegetated areas associated with the inactive railroad spur;
- All areas east of Hay Road, especially the heavily vegetated undeveloped lot located along the northwestern portion of the property; and
- West of the adjacent industrial facilities forming the eastern property boundary.

The areas listed above were delineated in accordance with the US Army Corps of Engineers Wetland Delineation Manual (USACE, 1987). Based on this survey methodology, wetlands and other waters occurring within the study area were identified. These points were then flagged in the field and their positions were determined by licensed land surveyors contracted by Conectiv. Plotting of wetland/upland boundaries on the site plan was reviewed and confirmed by ENSR.

In delineating each wetland, ENSR documented the vegetation, soils, and hydrology within each of the wetlands' cover types (i.e., emergent, scrub-shrub, and forested), and in at least one surrounding upland area. In the event that adjacent wetlands shared similar vegetation composition, soil profile and hydrologic characteristics, documentation was completed for only one of these wetlands. ENSR marked the location of each documentation plot in the field labeled with "Wetland Plot, A, B," etc. or "Upland Plot, A, B," etc. for upland plots. Information for each documentation plot has been recorded on Field Data Forms provided in Appendix B. Appendix C contains photographs for the documentation plots. The location of each documentation plot was surveyed and is shown on the Wetland Drawings (Appendix D).

The specific methods for characterizing and evaluating vegetation, hydrology, and soils were performed as follows:

Vegetation: Dominant plant species in each major vegetative stratum (tree, sapling/shrub, vine and herbaceous) were identified for each documentation plot. ENSR identified plant species using appropriate botanical reference material for the region. Nomenclature for these species conforms to that of the National List of Scientific Plant Names (USDA/SCS 1982). Species abundance in both upland and wetland communities were visually estimated. The indicator status of each species was identified using the National List of Plant Species That Occur In Wetlands, Region 1-Northeast (Resource Management Group, 1992). Hydrophytic vegetation was determined to be present where more than 50% of the dominant species were classified as facultative (FAC), facultative wetland (FACW), or obligate (OBL). Additional indicators of hydrophytic vegetation, including buttressed tree trunks, shallow root systems, and multiple trunks, were also considered in the evaluation of the presence of hydrophytic vegetation.

Soils: For each documentation plot, ENSR characterized the soil profile to determine the area's hydric soil status. Borings to observe the soil profile were taken with a hand-held auger and were taken to depths necessary to accurately determine a soil's hydric status (typically 20 inches deep). The information collected for each soil profile included each soil horizon's depth, texture, color, and the presence or absence of redoximorphic features (mottles). Colors of the

soil matrix and mottles were identified using the Munsell Soil Color Charts. ENSR based all hydric soil determinations on criteria established in the Wetland Delineation Manual (USACE, 1987). Additionally, ENSR also noted the presence of any saturation and/or standing water encountered during the soil profile description. The soil profile description, sub-surface hydrology notes, and hydric determination for each documentation plot is provided on the Field Data Sheets (Appendix B).

Hydrology: ENSR observed evidence of wetland hydrology for each potential wetland area. Evidence of wetland hydrology includes inundation, saturation in the upper twelve inches of soil, standing water in an open bore hole, drainage patterns, morphological plant adaptations, oxidized root channels, water marks, surface scouring, water-stained leaves, sediment deposits, drift lines, moss lines, and/or bare areas. The observation of wetland hydrology for each documentation plot is provided on the Field Data Sheets (Appendix B).

2.2 Results

2.2.1 General Observations

As shown on Figures 1-3, the proposed Hay Road facility is situated north of the existing Hay Road Facility and south of an existing DuPont facility. The Delaware River is located approximately 1,000 feet to the east and separated from the proposed site by occupied warehouses and other industrial buildings. The existing Edge Moor facility is located to the southeast. The proposed modifications will occur within the vicinity of the railway spur situated on-site and northward, specifically within the area presently utilized by several warehouses. Two wetlands were located on-site, however soils associated with these wetlands were highly disturbed and evidence of fill and debris material was observed. These wetlands are associated with a man-made pond and a depressional area located along an existing inactive railroad spur.

ENSR's review of the aerial map (Figure 1) did not indicate the presence of any wetlands associated with the proposed Hay Road facility. The project site, as well as the surrounding area was indicated as a heavily industrialized area with little or no wetlands, except those associated with Shellpot Creek. In addition, neither the NWI (Figure 4) nor

the State Wetland map (Figure 5) indicated wetlands within the vicinity of the Hay Road facility.

ENSR reviewed available soil mapping (Figure 3) for the location of the Conectiv facility to determine potential areas that may contain hydric soils and, consequently, wetlands. The Natural Resource Conservation Service (NRCS, formerly the Soil Conservation Service) mapping supplement identified the following soil systems within the facility limits: Othello-Fallsington-Urban land complex and Aldino-Keyport-Mattapex-Urban land complex. Both soil complexes consist of an Urban land makeup, which is described as areas predominantly utilized for streets, sidewalks, and buildings and is typically characterized by several feet of fill material. Fifty percent of the Aldino-Keyport-Matapex series is typified by 18 inches of fill, while the remainder consists of the original soil profile. In areas where fill is not present, seasonal wetness and a high water table are characteristic of this series, however none of the soils within this series are listed as hydric. The Othello-Fallsington complex is described as a poorly drained, nearly level soil, which also exhibits seasonal wetness and a high water table. Both the Othello and Fallsington soil series are listed as hydric per the New Castle County hydric mapunit listing.

Overall, during the field survey performed on February 3, 2000 two wetlands were delineated, which are not depicted on either the USGS topographic maps or specifically listed as hydric soils by the SCS soils maps.

2.2.2 Site Specific Wetland Descriptions

The following provides a site-specific description of the two wetlands delineated at the proposed Conectiv Hay Road facility. Refer to the Wetland Determination Data Sheets (Appendix B) for additional wetland specific information. It should be noted, that on the day of the delineation, February 3, 2000, five to six inches of snow was present on the ground.

Latex Pond Wetland

A wetland was delineated in association with the man-made pond (herein referred to as the Latex Pond) located on-site. The Latex Pond is located east of Hay Road, north of

the railway spur, and west of the vicinity of the proposed modifications. Two documentation plots were completed to justify the delineated wetland boundary (See Appendix B).

The Latex Pond wetland exceeds 50 percent composition of hydrophytic vegetation, which includes common reed (*Phragmites australis* - FACW), poison ivy (*Toxicodendron radicans*, FAC), red maple (*Acer rubrum*, FAC), and pin oak (*Quercus palustris*, FACW). Due to a great deal of disturbance within the area the soils analysis was inconclusive and not consistent with the colors listed by the Munsell soil color charts. Large amounts of brick debris and fill were present in association with the man-made water-body. At the time of observation, hydrology within this wetland was evident due to saturation to the surface and six inches of standing water in the borehole.

This wetland is surrounded by upland vegetation including poison ivy, Japanese honeysuckle (*Lonicera japonica*, FAC-), Japanese knotweed (*Polygonum cuspidatum*, FACU-), blackberry (*Rubus allegheniensis*, FACU-), and black cherry (*Prunus serotina*, FACU). As previously stated within the wetland description, the soil analysis was inconclusive due to debris and fill material. However, this upland area lacked any evidence of hydrology to support hydric vegetation.

Rail-Road Spur Wetland

This wetland complex is situated within the southeastern corner of the Hay Road facility at the terminus of an inactive railway spur, adjacent to the Hay Road Power Plant property.

Dominant wetland vegetation associated with this wetland consisted of only two species black willow (*Salix nigra*, FACW+) and common reed. Soils were characteristic of a 5Y 4/2 matrix. Hydrology was evident due to saturated soils at the surface.

The surrounding upland was dominated by vegetation consistent with developed and disturbed industrial areas, such as associated with the inactive railroad spur. Queen Anne's lace (*Daucus carota*, FACU) as well as upland grasses and an upland aster species dominated this area. Soils within this area were characterized by a 10YR 3/3

matrix, which exhibited no hydric indicators. This upland also lacked any evidence of hydrophytic vegetation or surface hydrology.

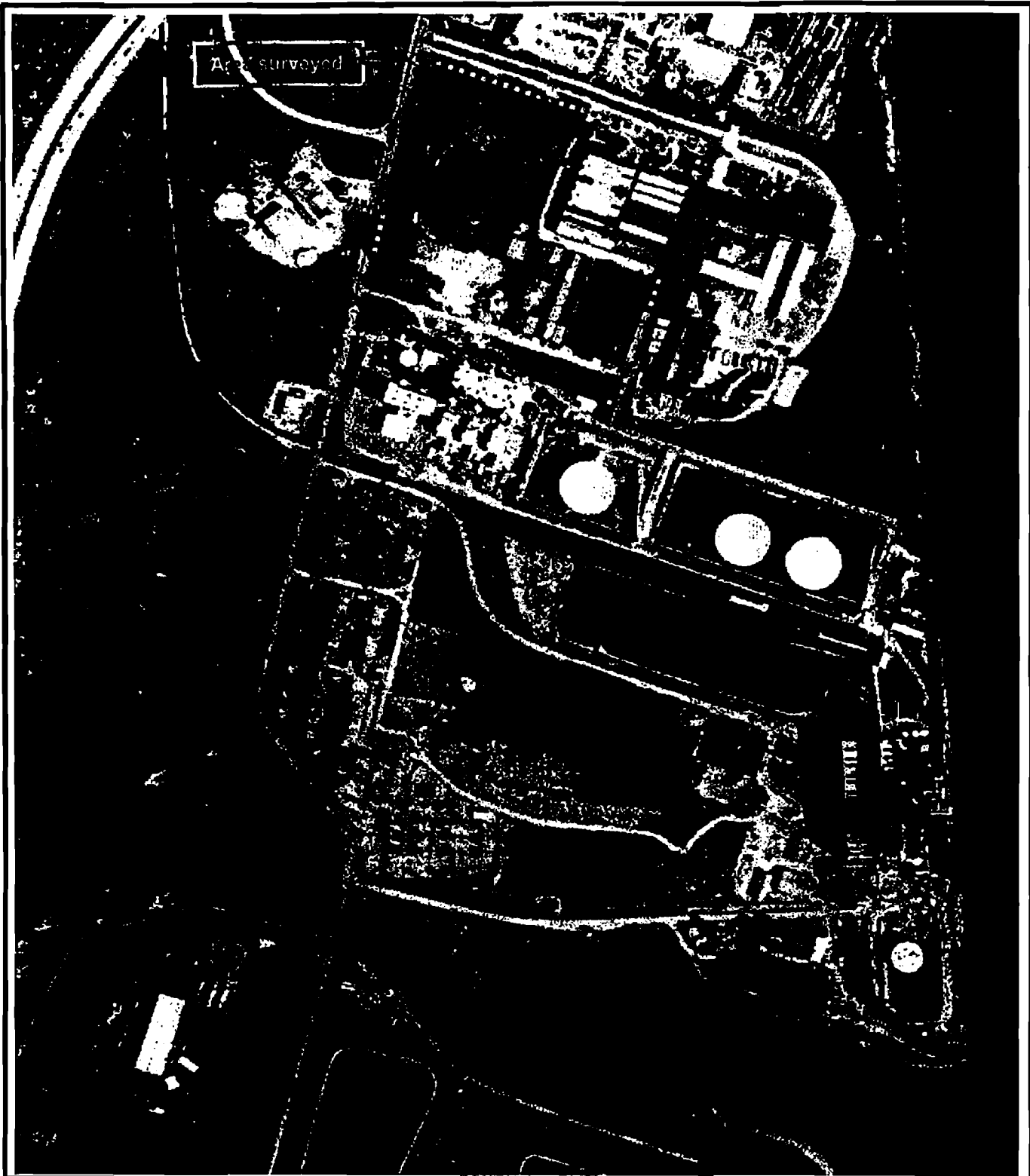
3.0 SUMMARY AND CONCLUSIONS

ENSR conducted a site investigation of the Conectiv Hay Road facility on February 3, 2000. Prior to the field investigation, ENSR staff reviewed the USGS topographic map, the site aerial, the Soil Survey maps, as well as the NWI and State Wetland maps. These mapping supplements were reviewed to ascertain the approximate location of state and federally regulated wetlands, potentially situated within Conectiv's property boundaries. During the field investigation, an ENSR scientist delineated two wetlands. One of which, the rail spur, is located within the vicinity of the proposed modifications. This wetland was vegetated with invasive hydrophytic species in an existing industrial area. It is ENSR's understanding, that the wetland associated with the man-made pond will not be impacted or encroached upon as a result of the proposed modifications.

4.0 REFERENCES

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APPENDIX A
FIGURES



Site Location Aerial

Source: Conectiv

Conectiv
Hay Road Facility
Wilmington
New Castle County, DE



February 2000

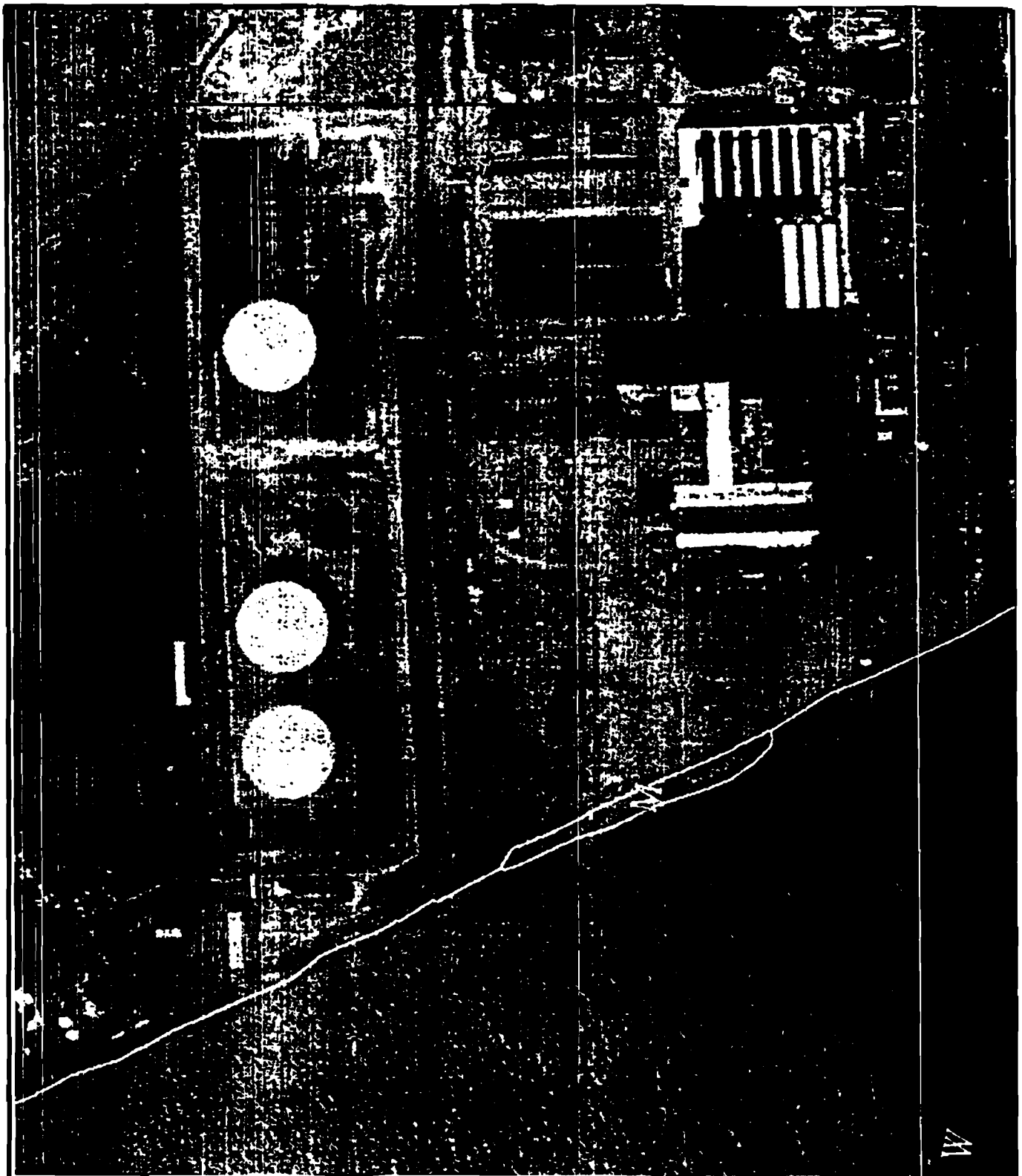
Job No. 1855-004

FIGURE 1

ENSR®



	<p>National Wetlands Inventory Map</p> <p>Source: Dept. of the Interior-USFWS 1975</p> <p>Scale: 1:24,000</p>	<p>Connectiv</p> <p>Hay Road Facility Wilmington New Castle County, DE</p> <p>February 2000 Job No. 1855-004</p>	<p>FIGURE 4</p> 
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State Wetlands Map

Source: Delaware
Dept. of Natural Resources
1988

Scale: 1 inch = 300 feet

Conectiv

Hay Road Facility
Wilmington
New Castle County, DE

February 2000

Job No. 1855-004

FIGURE 5

ENSR®

APPENDIX B
FIELD DATA SHEETS

FIELD DATA FORM FRESHWATER WETLAND DETERMINATION

Applicant: Conectiv Date: February 2, 2000
 Site Location: Hay Road Facility Field Investigators: Lisa Haus
 State: Delaware County: New Castle Plot Number/Cover type: Wetland plot (pond)
 Photograph Number: 1 and 2

Normal Circumstances? Yes ☐ No ☒ If no, explain: Area highly disturbed. Fill and debris present.
Also, 5-6 inches of snow was present on the ground the day of the delineation.

VEGETATION

Dominant Species	Indicator	Dominant Species	Indicator
<u>Herbaceous Layer:</u>	<u>Status</u>	<u>Vines:</u>	<u>Status</u>
<u>Phragmites australis</u>	<u>FACW</u>	<u>Smilax rotundifolia</u>	<u>FAC</u>
_____	_____	<u>Toxicodendron radicans</u>	<u>FAC</u>
_____	_____	_____	_____
<u>Tree Layer:</u>		<u>Sapling/Shrub Layer:</u>	
<u>Quercus palustris</u>	<u>FACW</u>	<u>No shrub layer</u>	
<u>Acer rubrum</u>	<u>FAC</u>	_____	
_____	_____	_____	

Percent species that are OBL, FACW, and/or FAC: 100 percent
 Hydrophytic vegetation? Yes ☒ No ☐ Rational: Greater than 50%

SOILS

Depth (inches)	Matrix Color	Redoximorphic Feature Color	Texture

No ☐ Comments: Soils inconclusive due to high levels of
disturbance consisting of fill and debris. Soils
did not match Munsell color charts.

HYDROLOGY

Depth of/to: _____ Check indicators of hydrology that apply:
 Inundation NA ☐ Water marks ☐ Water-stained leaves
 Saturation To surface ☐ Sediment deposits ☐ Drift lines
 Free water At 6" ☐ Drainage patterns ☒ Other: Buttressed roots

Wetland Determination: Wetland ☒ Upland ☐

FIELD DATA FORM **FRESHWATER WETLAND DETERMINATION**

Applicant: Conectiv
 Site Location: Hay Road Facility
 State: Delaware County: New Castle

Date: February 3, 2000
 Field Investigators: Lisa Haus
 Plot Number/Cover type: Upland Plot (Pond)
 Photograph Number: 3

Normal Circumstances? Yes ☐ No ☒ If no, explain: Area highly disturbed. Fill and debris present. Also, 5-6 inches of snow was present on the ground the day of the delineation.

VEGETATION

Dominant Species	Indicator	Dominant Species	Indicator
<u>Herbaceous Layer:</u>	<u>Status</u>	<u>Vines:</u>	<u>Status</u>
<u><i>Polygonum cuspidatum</i></u>	<u>FACU-</u>	<u><i>Toxicodendron radicans</i></u>	<u>FAC</u>
<u>Tree Layer:</u>		<u>Sapling/Shrub Layer:</u>	
<u><i>Prunus serotina</i></u>	<u>FACU</u>	<u><i>Rubus allegheniensis</i></u>	<u>FACU-</u>
		<u><i>Lonicera japonica</i></u>	<u>FAC-</u>

Percent species that are OBL, FACW, and/or FAC: 40% percent
 Hydrophytic vegetation? Yes ☐ No ☒ Rational: Less than 50%

SOILS

Depth (inches)	Matrix Color	Redoximorphic Feature Color	Texture

No ☐ Comments: Soils inconclusive due to high levels of disturbance consisting of fill and debris.

HYDROLOGY

Depth of/to: Check indicators of hydrology that apply:
 Inundation Not present ☐ Water marks ☐ Water-stained leaves
 Saturation Not Present ☐ Sediment deposits ☐ Drift lines
 Free water Not Present ☐ Drainage patterns ☐ Other: _____

Wetland Determination: Wetland ☐ Upland ☒

FIELD DATA FORM **FRESHWATER WETLAND DETERMINATION**

Applicant: Conectiv
 Site Location: Hay Road Facility
 State: Delaware County: New Castle

Date: February 3, 2000
 Field Investigators: Lisa Haus
 Plot Number/Cover type: Wetland (RR spur)
 Photograph Number: 8 and 9

Normal Circumstances? Yes ☐ No ☒ If no, explain: Area highly disturbed. Fill and debris present.
Also, 5-6 inches of snow was present on the ground the day of the delineation.

VEGETATION

Dominant Species	Indicator	Dominant Species	Indicator
<u>Herbaceous Layer:</u>	<u>Status</u>	<u>Vines:</u>	<u>Status</u>
<u>Phragmites australis</u>	<u>FACW</u>	<u>No vine layer</u>	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<u>Tree Layer:</u>		<u>Sapling/Shrub Layer:</u>	
<u>No tree layer</u>		<u>Salix nigra</u>	<u>FACW+</u>
_____	_____	_____	_____

Percent species that are OBL, FACW, and/or FAC: 100 percent
 Hydrophytic vegetation? Yes ☒ No ☐ Rational: More than 50%

SOILS

Depth (inches)	Matrix Color	Redoximorphic Feature Color	Texture
0-18	5Y 4/2	—	Sandy fill material.

No ☐ Comments: _____

HYDROLOGY

Depth of/to:	Check indicators of hydrology that apply:
Inundation _____	<input type="checkbox"/> Water marks <input type="checkbox"/> Water-stained leaves
Saturation <u>At surface</u>	<input type="checkbox"/> Sediment deposits <input type="checkbox"/> Drift lines
Free water _____	<input type="checkbox"/> Drainage patterns <input type="checkbox"/> Other: _____

Wetland Determination: Wetland ☒ Upland ☐

FIELD DATA FORM FRESHWATER WETLAND DETERMINATION

Applicant: Conectiv Date: February 3, 2000
 Site Location: Hay Road Facility Field Investigators: Lisa Haus
 State: Delaware County: New Castle Plot Number/Cover type: Upland (RR spur)
 Photograph Number: 6 and 7

Normal Circumstances? Yes ☐ No ☒ If no, explain: Area highly disturbed. Fill and debris present.
Also, 5-6 inches of snow was present on the ground the day of the delineation.

VEGETATION

Dominant Species	Indicator	Dominant Species	Indicator
<u>Herbaceous Layer:</u>	<u>Status</u>	<u>Vines:</u>	<u>Status</u>
<u>Daucus carota</u>	<u>NI</u>	<u>No vine layer</u>	
<u>Aster sp.</u>	<u>NI</u>		
<u>Panicum sp.</u>	<u>NI</u>		

<u>Tree Layer:</u>	<u>Sapling/Shrub Layer:</u>
<u>No tree layer</u>	<u>No shrub layer</u>

Percent species that are OBL, FACW, and/or FAC: 0% percent
 Hydrophytic vegetation? Yes ☐ No ☒ Rational: Less than 50%

SOILS

Depth (inches)	Matrix Color	Redoximorphic Feature Color	Texture
0-18	10YR 3/3	---	Fill material and rock.

No ☒ Comments: _____

HYDROLOGY

Depth of/to:	Check indicators of hydrology that apply:	
Inundation <u>Not Present</u>	<input type="checkbox"/> Water marks	<input type="checkbox"/> Water-stained leaves
Saturation <u>Not Present</u>	<input type="checkbox"/> Sediment deposits	<input type="checkbox"/> Drift lines
Free water <u>Not Present</u>	<input type="checkbox"/> Drainage patterns	<input type="checkbox"/> Other: _____

Wetland Determination: Wetland ☐ Upland ☒

APPENDIX C
SITE PHOTOGRAPHS



Photo 1: View looking northeast across Latex Pond located within the Hay Road facility. LP-1 wetland flag is located in the foreground.



Photo 2: View looking north at LP-3 wetland flag(in far background) associated with Latex Pond.



Photo 3: View looking northeast at debris observed on-site adjacent and to the west of Latex Pond.

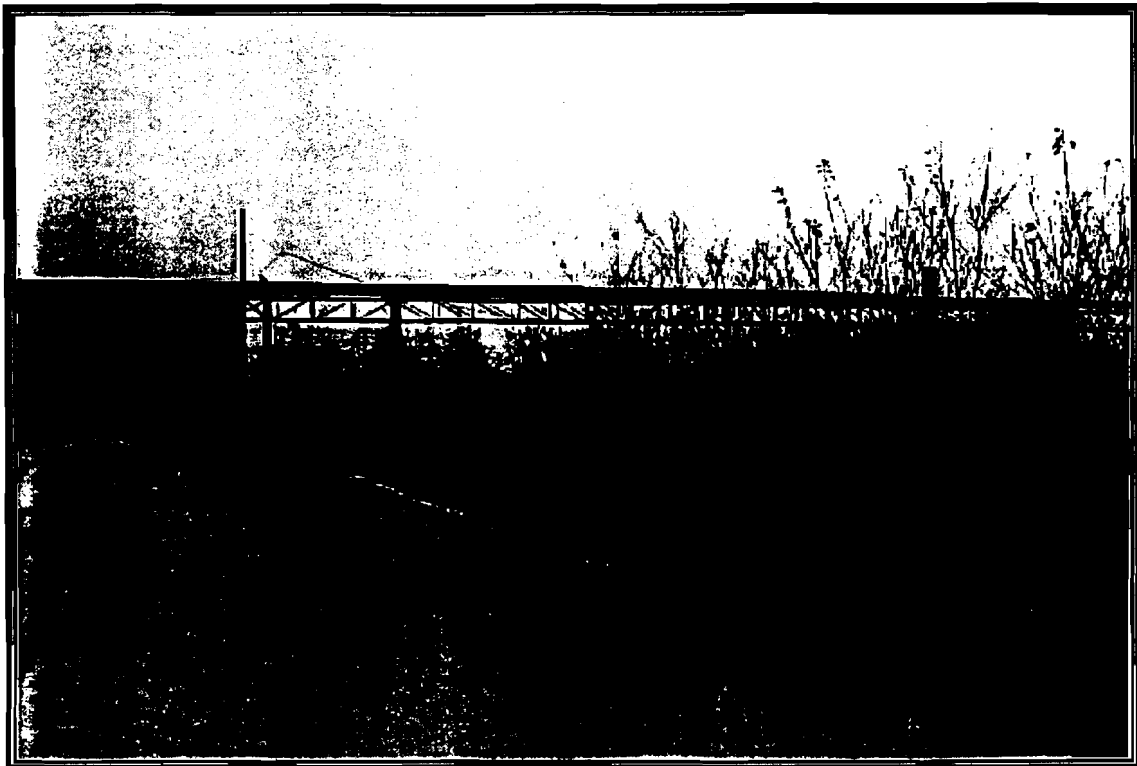


Photo 4: View looking to the southeast toward the pipe rack located along the eastern portion of the property.



Photo 5: View to the east of the pipe rack.



Photo 6: View looking to the east of the existing inactive railway spur located on-site. Pipe rack can be observed in the background located further to the east.



Photo 7: View looking northwest at the inactive railway spur located on-site.

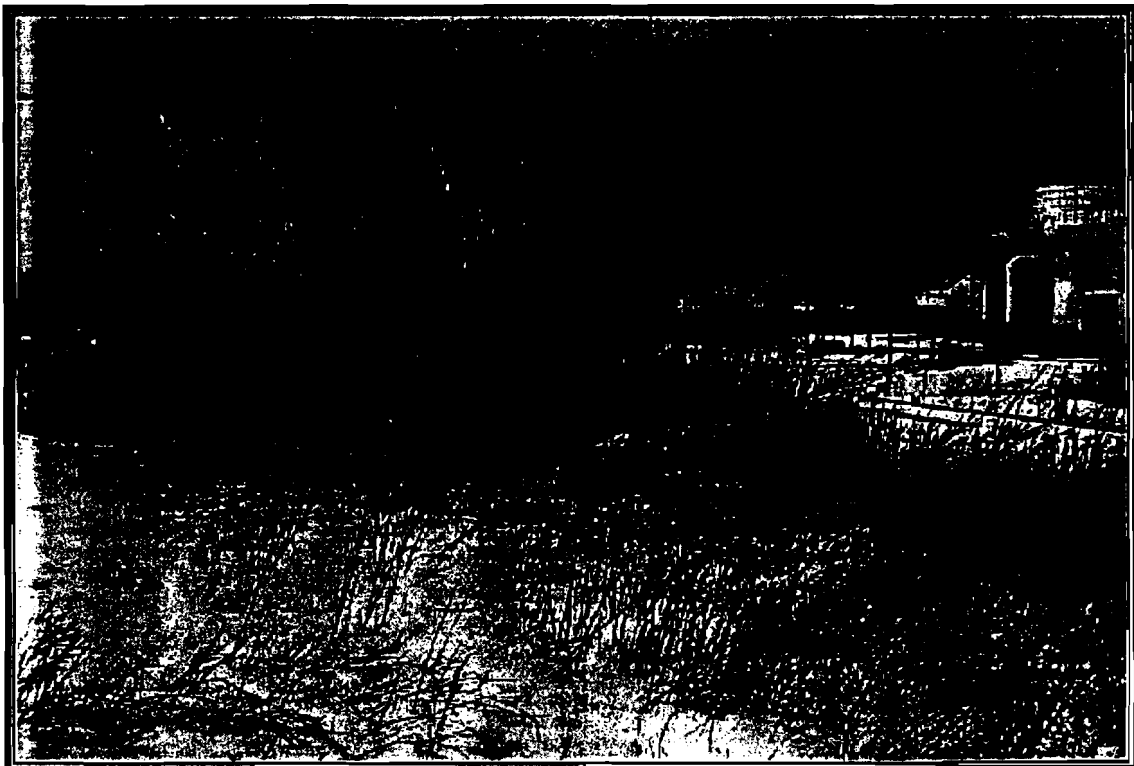


Photo 8: View looking northwest at an upland area. This upland is located within the southeastern portion of the property adjacent to the inactive rail spur.



Photo 9: View looking west at the wetland associated with the inactive rail spur and wetland flags L6 and L7 .

APPENDIX D
SITE PLANS

ATTACHMENT VII – QUESTION 21 – SITE MAPS / ROW's

A horizontal scale from 0 to 10 with tick marks at every integer. The numbers 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10 are printed below the line. An arrow points to the number 5.

PLANT
POSITIVE

HR-108-E-M02001

PL 104-291 2002-09-11

SPON

11-00-0000 11-00-00

11-00-0000 11-00-00

1	2	3	4	5	6	7	8	9	10

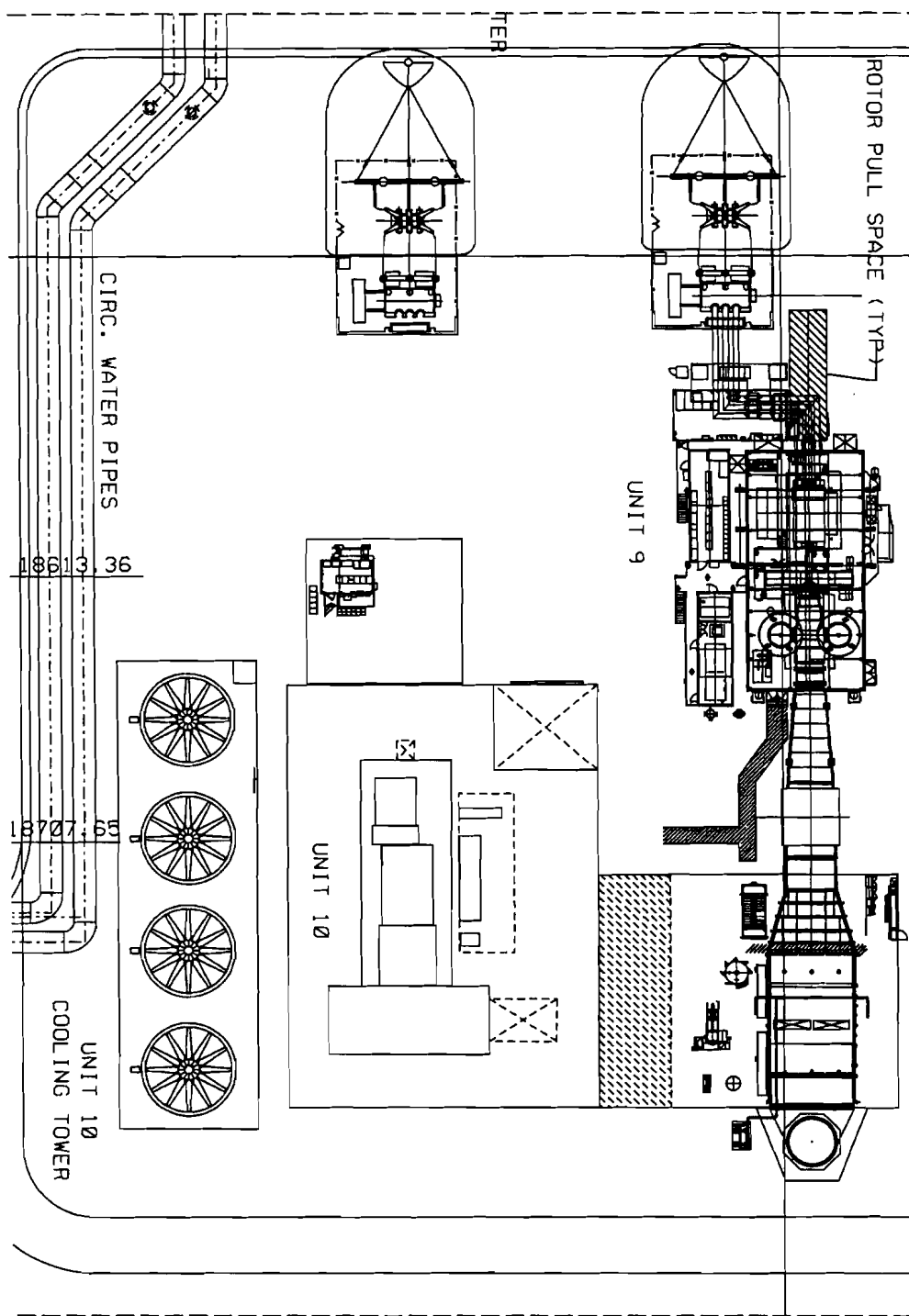
1	2	3	4	5	6	7	8	9	10

11-00-0000 11-00-00

11-00-0000 11-00-00



DELMARVA POWER RFP
HAY ROAD UNITS 9 & 10
DETAIL, SHEET 2



ATTACHMENT VIII – QUESTION 23 – PROJECT PRO FORMA

Confidential

Contract Year (ending May 31)									
2012	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2013	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2014	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2015	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2016	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2017	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2018	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2019	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2020	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2021	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED]

ATTACHMENT IX – QUESTION 34 – PROJECT VALUATION

[illegible][illegible]

[illegible]

[REDACTED]

ATTACHMENT X – QUESTION 36 – PPA REDLINE FOR BASE PROPOSAL

[BASE CASE PROPOSAL]

[STANDARD FORM OF]

POWER PURCHASE AGREEMENT

between

DELMARVA POWER & LIGHT COMPANY

("Buyer")

and

[_____]

("Seller")

[Date]

ATTACHMENT XI – QUESTION 36 – PPA REDLINE FOR ALT PROPOSAL

[ALTERNATE CASE PROPOSAL]

**[STANDARD FORM OF]
POWER PURCHASE AGREEMENT**

between

**DELMARVA POWER & LIGHT COMPANY
("Buyer")**

and

**[_____
("Seller")**

[Date]